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; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (..)
; OTHER INFORMATION: Primer
US-09-791-190A-16

Query Match      1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      403 CCTGCTCCAGCAG 416
Db      15 CCTGCACGAGCAG 2

RESULT 1142
US-09-866-034-27/c
; Sequence 27, Application US/09866034
; Publication No. US20030170864A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2930RIC1
; CURRENT APPLICATION NUMBER: US/09/866,034
; CURRENT FILING DATE: 2001-05-25
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 38
; SEQ ID NO 27
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Artificial Sequence
; LOCATION: 1-19
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-866-034-27

Query Match      1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      559 AACAGCAGGATCC 572
Db      19 AACAGCAGGATCC 6

RESULT 1143
US-10-211-858-229/c
; Sequence 229, Application US/10211858
; Publication No. US20030211096A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2930RIC12
; CURRENT APPLICATION NUMBER: US/10/033,246
; CURRENT FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: 60/095,325

Query Match      1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      559 AACAGCAGGATCC 572
Db      19 AACAGCAGGATCC 6

RESULT 1144
US-10-033-246-27/c
; Sequence 27, Application US/10033246
; Publication No. US20020098505A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2930RIC12
; CURRENT APPLICATION NUMBER: US/10/033,246
; CURRENT FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: 60/095,325

; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931RIC1
; CURRENT APPLICATION NUMBER: US/10/211,858
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 229
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-858-229

Query Match      1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      559 AACAGCAGGATCC 572
Db      19 AACAGCAGGATCC 6

RESULT 1145
US-10-033-246-27/c
; Sequence 27, Application US/10033246
; Publication No. US20020098505A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2930RIC12
; CURRENT APPLICATION NUMBER: US/10/033,246
; CURRENT FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: 60/095,325
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; PRIOR FILING DATE: 1998-08-04  
 ; PRIOR APPLICATION NUMBER: 60/112,851  
 ; PRIOR FILING DATE: 1998-12-16  
 ; PRIOR APPLICATION NUMBER: 60/113,145  
 ; PRIOR FILING DATE: 1998-12-16  
 ; PRIOR APPLICATION NUMBER: 60/113,511  
 ; PRIOR FILING DATE: 1998-12-22  
 ; PRIOR APPLICATION NUMBER: 60/115,558  
 ; PRIOR FILING DATE: 1999-01-12  
 ; PRIOR APPLICATION NUMBER: 60/115,565  
 ; PRIOR FILING DATE: 1999-01-12  
 ; PRIOR APPLICATION NUMBER: 60/115,733  
 ; PRIOR FILING DATE: 1999-01-12  
 ; PRIOR APPLICATION NUMBER: 60/119,341  
 ; PRIOR FILING DATE: 1999-02-09  
 ; PRIOR APPLICATION NUMBER: 60/119,537  
 ; PRIOR FILING DATE: 1999-02-10  
 ; PRIOR APPLICATION NUMBER: 60/119,965  
 ; PRIOR FILING DATE: 1999-02-12  
 ; PRIOR APPLICATION NUMBER: 60/162,506  
 ; PRIOR FILING DATE: 1999-10-29  
 ; PRIOR APPLICATION NUMBER: 60/170,262  
 ; PRIOR FILING DATE: 1999-12-09  
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 ; PRIOR APPLICATION NUMBER: PCT/US99/28551  
 ; PRIOR FILING DATE: 1999-12-02  
 ; PRIOR APPLICATION NUMBER: PCT/US00/03565  
 ; PRIOR FILING DATE: 2000-02-11  
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414  
 ; PRIOR FILING DATE: 2000-02-22  
 ; PRIOR APPLICATION NUMBER: PCT/US00/05841  
 ; PRIOR FILING DATE: 2000-03-02  
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439  
 ; PRIOR FILING DATE: 2000-03-30  
 ; PRIOR APPLICATION NUMBER: PCT/US00/14941  
 ; PRIOR FILING DATE: 2000-05-30  
 ; PRIOR APPLICATION NUMBER: PCT/US00/15264  
 ; PRIOR FILING DATE: 2000-06-02  
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678  
 ; PRIOR FILING DATE: 2000-12-01  
 ; NUMBER OF SEQ ID NOS: 38  
 ; SEQ ID NO 27  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Oligonucleotide Probe  
 US-10-033-246-27

Query Match 1.5%; Score 12.4; DB 1; Length 19;  
 Best Local Similarity 92.9%; Pred. No. 7.4e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 559 AACAGCAGGATCC 572  
 Db 19 AACAGCAGGATCC 6

RESULT 1145  
 US-10-033-301-27/c  
 ; Sequence 27, Application US/10033301  
 ; Publication No. US2002098506A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tamas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P29301C6  
 ; CURRENT APPLICATION NUMBER: US/10/0333,301  
 ; CURRENT FILING DATE: 2001-12-27  
 ; PRIOR APPLICATION NUMBER: 60/095,325  
 ; PRIOR FILING DATE: 1998-08-04  
 ; PRIOR APPLICATION NUMBER: 60/112,851  
 ; PRIOR FILING DATE: 1998-12-16  
 ; PRIOR APPLICATION NUMBER: 60/113,145  
 ; PRIOR FILING DATE: 1998-12-16  
 ; PRIOR APPLICATION NUMBER: 60/113,511  
 ; PRIOR FILING DATE: 1998-12-22  
 ; PRIOR APPLICATION NUMBER: 60/115,558  
 ; PRIOR FILING DATE: 1999-01-12  
 ; PRIOR APPLICATION NUMBER: 60/115,565  
 ; PRIOR FILING DATE: 1999-01-12  
 ; PRIOR APPLICATION NUMBER: 60/115,733  
 ; PRIOR FILING DATE: 1999-01-12  
 ; PRIOR APPLICATION NUMBER: 60/119,341  
 ; PRIOR FILING DATE: 1999-02-09  
 ; PRIOR APPLICATION NUMBER: 60/119,537  
 ; PRIOR FILING DATE: 1999-02-10  
 ; PRIOR APPLICATION NUMBER: 60/119,965  
 ; PRIOR FILING DATE: 1999-02-12  
 ; PRIOR APPLICATION NUMBER: 60/162,506  
 ; PRIOR FILING DATE: 1999-10-29  
 ; PRIOR APPLICATION NUMBER: 60/170,262  
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 ; PRIOR APPLICATION NUMBER: 60/187,202  
 ; PRIOR FILING DATE: 2000-03-03  
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252  
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 ; OTHER INFORMATION: Synthetic Oligonucleotide Probe  
 US-10-033-301-27

Query Match 1.5%; Score 12.4; DB 1; Length 19;  
 Best Local Similarity 92.9%; Pred. No. 7.4e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 559 AACAGCAGGATCC 572



APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrata, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gunney, Austin L.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730PLC57  
CURRENT APPLICATION NUMBER: US/09/989,732  
CURRENT FILING DATE: 2001-11-19  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
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PRIOR FILING DATE: 1997-11-24  
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PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/078910  
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PRIOR FILING DATE: 1998-06-09  
PRIOR APPLICATION NUMBER: 60/088734  
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PRIOR FILING DATE: 1998-06-23  
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PRIOR FILING DATE: 1998-06-24  
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PRIOR FILING DATE: 1998-06-24

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PRIOR FILING DATE: 1998-06-24  
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PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090472  
PRIOR FILING DATE: 1998-06-24  
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PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091633  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091978  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/092182  
PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCACAGCAGGGATCC 572  
DB 18 CCAAAGAGCAGGGACCC 2

RESULT 1372  
US-09-898-570-52  
Sequence 52, Application US/09898570  
Patent No. US20020123612A1  
GENERAL INFORMATION:  
APPLICANT: GERLACH, VALERIE L.  
APPLICANT: ELLERMAN, KAREN  
APPLICANT: MACDOUGALL, JOHN R.  
APPLICANT: SMITHSON, GLENDA  
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND  
FILE REFERENCE: 15966-776CIP  
CURRENT APPLICATION NUMBER: US/09/898,570  
CURRENT FILING DATE: 2001-07-03  
PRIOR APPLICATION NUMBER: 60/198,293

PRIOR FILING DATE: 2000-04-19  
PRIOR APPLICATION NUMBER: 60/198,645  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: 60/210,809  
PRIOR FILING DATE: 2000-06-09  
PRIOR APPLICATION NUMBER: 60/199,476  
PRIOR FILING DATE: 2000-04-26  
PRIOR APPLICATION NUMBER: 60/200,025  
PRIOR FILING DATE: 2000-04-26  
PRIOR APPLICATION NUMBER: 60/224,610  
PRIOR FILING DATE: 2000-08-11  
PRIOR APPLICATION NUMBER: 60/200,024  
PRIOR FILING DATE: 2000-04-26  
PRIOR APPLICATION NUMBER: 60/199,980  
PRIOR FILING DATE: 2000-04-26  
PRIOR APPLICATION NUMBER: 60/218,591  
PRIOR FILING DATE: 2000-07-17  
PRIOR APPLICATION NUMBER: 60/271,814  
PRIOR FILING DATE: 2001-02-27  
PRIOR APPLICATION NUMBER: 60/215,855  
PRIOR FILING DATE: 2000-07-03  
PRIOR APPLICATION NUMBER: 09/839,446  
PRIOR FILING DATE: 2001-04-19  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 52  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Probe  
US-09-898-570-52

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 449 AGATGCTTCCAGGAG 465  
DB 1 AGAAGCTTCCCGGAG 17

RESULT 1373  
US-09-991-073-530/c  
Sequence 530, Application US/09991073  
Patent No. US2002012576A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same

FILE REFERENCE: P2730PCL15

CURRENT APPLICATION NUMBER: US/09/991,073
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
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 ; PRIOR APPLICATION NUMBER: 60/092182  
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Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
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 DB 18 CCAAGAGCAGGAGCC 2

RESULT 1374  
 US-09-945-587-86/c  
 ; Sequence 86, Application US/09945587  
 ; Patent No. US20020127643A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul  
 ; APPLICANT: Grimaldi, Christopher  
 ; APPLICANT: Gurney, Austin  
 ; APPLICANT: Hillan, Kenneth  
 ; APPLICANT: Kiljavin, Ivar  
 ; APPLICANT: Napier, Mary  
 ; APPLICANT: Roy, Margaret  
 ; APPLICANT: Tamas, Daniel  
 ; APPLICANT: Wood, William  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
 ; FILE REFERENCE: P2548P1C1  
 ; CURRENT APPLICATION NUMBER: US/09/945,587  
 ; CURRENT FILING DATE: 2001-09-26  
 ; PRIOR APPLICATION NUMBER: 09/866,028  
 ; PRIOR FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: 60/067,411  
 ; PRIOR FILING DATE: December 3, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,334  
 ; PRIOR FILING DATE: December 11, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,335  
 ; PRIOR FILING DATE: December 11, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,278  
 ; PRIOR FILING DATE: December 11, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,425  
 ; PRIOR FILING DATE: December 12, 1997

; PRIOR APPLICATION NUMBER: 60/069,596  
 ; PRIOR FILING DATE: December 16, 1997  
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 ; PRIOR FILING DATE: December 18, 1997  
 ; PRIOR APPLICATION NUMBER: 60/070,440  
 ; PRIOR FILING DATE: January 5, 1998  
 ; PRIOR APPLICATION NUMBER: 60/074,086  
 ; PRIOR FILING DATE: February 9, 1998  
 ; PRIOR APPLICATION NUMBER: 60/074,092  
 ; PRIOR FILING DATE: February 9, 1998  
 ; PRIOR APPLICATION NUMBER: 60/075,945  
 ; PRIOR FILING DATE: February 25, 1998  
 ; PRIOR APPLICATION NUMBER: 60/112,850  
 ; PRIOR FILING DATE: December 16, 1998  
 ; PRIOR APPLICATION NUMBER: 60/113,296  
 ; PRIOR FILING DATE: December 22, 1998  
 ; PRIOR APPLICATION NUMBER: 60/146,222  
 ; PRIOR FILING DATE: July 28, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330  
 ; PRIOR FILING DATE: September 16, 1998  
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108  
 ; PRIOR FILING DATE: December 1, 1998  
 ; PRIOR APPLICATION NUMBER: 09/216,021  
 ; PRIOR FILING DATE: December 16, 1998  
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 ; PRIOR FILING DATE: December 22, 1998  
 ; PRIOR APPLICATION NUMBER: 09/254,311  
 ; PRIOR FILING DATE: March 3, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252  
 ; PRIOR FILING DATE: June 22, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090  
 ; PRIOR FILING DATE: September 15, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409  
 ; PRIOR FILING DATE: No. US20020127643A1ember 30, 1999  
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 ; PRIOR APPLICATION NUMBER: PCT/US99/30095  
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 ; PRIOR APPLICATION NUMBER: PCT/US00/03565  
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 ; PRIOR APPLICATION NUMBER: PCT/US00/04414  
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 ; PRIOR APPLICATION NUMBER: PCT/US00/05841  
 ; PRIOR FILING DATE: March 2, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439  
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 ; PRIOR APPLICATION NUMBER: PCT/US00/14042  
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 ; PRIOR APPLICATION NUMBER: PCT/US00/20710  
 ; PRIOR FILING DATE: July 28, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678  
 ; PRIOR FILING DATE: December 1, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520  
 ; PRIOR FILING DATE: February 28, 2001  
 ; NUMBER OF SEQ ID NOS: 120  
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 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-09-945-587-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
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 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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RESULT 1375

US-09-990-442-530/c  
 ; Sequence 530, Application US/09990442  
 ; Patent No. US20020132252A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2730PLC8  
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 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
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 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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RESULT 1376  
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 ; Sequence 530, Application US/09991163  
 ; Patent No. US20020132253A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
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 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2730PIC17  
 ; CURRENT APPLICATION NUMBER: US/09/991,163  
 ; CURRENT FILING DATE: 2001-11-14  
 ; PRIOR APPLICATION NUMBER: 60/049787  
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; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.Se+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Caps 0;

Qy 556 CCCACAGCAGGATCC 572  
Db 18 CCAAGAGCAGGACCC 2

RESULT 1377  
US-09-945-015-86/c  
; Sequence 86, Application US/09945015  
; Patent No. US20020132768A1  
; GENERAL INFORMATION:

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; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US/09/945,015
; PRIOR FILING DATE: 2001-09-26
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
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; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,066
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999

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; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020132768A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020132768A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 86
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-945-015-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGAGTCC 572
Db 18 CCAAGAGCAGGAGGCC 2

RESULT 1378
US-09-944-396-86/c
; Sequence 86, Application US/09944396
; Patent No. US20020132981A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US/09/944,396
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334

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; PRIOR FILING DATE: December 11, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069335  
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 ; PRIOR APPLICATION NUMBER: 60/069,278  
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 ; PRIOR APPLICATION NUMBER: 60/069,425  
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 ; PRIOR FILING DATE: January 5, 1998  
 ; PRIOR APPLICATION NUMBER: 60/074,086  
 ; PRIOR FILING DATE: February 9, 1998  
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 ; PRIOR APPLICATION NUMBER: 60/112,850  
 ; PRIOR FILING DATE: July 28, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330  
 ; PRIOR FILING DATE: September 16, 1998  
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108  
 ; PRIOR FILING DATE: December 1, 1998  
 ; PRIOR APPLICATION NUMBER: 09/216,021  
 ; PRIOR FILING DATE: December 16, 1998  
 ; PRIOR APPLICATION NUMBER: 09/218,517  
 ; PRIOR FILING DATE: December 22, 1998  
 ; PRIOR APPLICATION NUMBER: 09/254,311  
 ; PRIOR FILING DATE: March 3, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252  
 ; PRIOR FILING DATE: June 22, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090  
 ; PRIOR FILING DATE: September 15, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409  
 ; PRIOR FILING DATE: No. US20020132981A1ember 30, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313  
 ; PRIOR FILING DATE: No. US20020132981A1ember 30, 1999  
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 ; PRIOR FILING DATE: December 16, 1999  
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 ; PRIOR APPLICATION NUMBER: PCT/US00/05841  
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 ; PRIOR FILING DATE: December 1, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520  
 ; PRIOR FILING DATE: February 28, 2001  
 ; NUMBER OF SEQ ID NOS: 120  
 ; SEQ ID NO 86

; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-09-944-396-86  
 Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e-02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 556 CCAACAGCAGGATCC 572  
 Db 18 CCAACAGCAGGATCC 2  
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 ; Sequence 86, Application US/09944097  
 ; Patent No. US20020133675A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul  
 ; APPLICANT: Grimaldi, Christopher  
 ; APPLICANT: Gurney, Austin  
 ; APPLICANT: Hillan, Kenneth  
 ; APPLICANT: Kljavin, Ivar  
 ; APPLICANT: Napier, Mary  
 ; APPLICANT: Roy, Margaret  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Wood, William  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P2548P1C1  
 ; CURRENT APPLICATION NUMBER: US/09/944,097  
 ; CURRENT FILING DATE: 2001-08-31  
 ; PRIOR APPLICATION NUMBER: 09/866,028  
 ; PRIOR FILING DATE: 2001-05-25  
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 ; PRIOR APPLICATION NUMBER: 60/069,335  
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 ; PRIOR FILING DATE: February 9, 1998  
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 ; PRIOR APPLICATION NUMBER: 60/075,945  
 ; PRIOR FILING DATE: February 25, 1998  
 ; PRIOR APPLICATION NUMBER: 60/112,850

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; LENGTH: 18
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US-09-969-373-4332

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 154 CTCNACTTGCACCAT 170
DB 2 CACCATACATCCACCAT 18

RESULT 1383
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; Sequence 530, Application US/09993604
; Patent No. US20020137075A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC25
; CURRENT APPLICATION NUMBER: US/09/993,604
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
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; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
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PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091626  
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PRIOR APPLICATION NUMBER: 60/091978  
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PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/092182  
PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 556 CCCAACAGCAGGATCC 572  
Db 18 CCAAAGAGCAGGACCC 2  
RESULT 1384  
US-09-990-456-530/c  
; Sequence 530, Application US/09990456  
; Patent No. US20020137890A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Tumanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2730P1C22  
; CURRENT APPLICATION NUMBER: US/09/990,456  
; PRIOR FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: 60/049787  
; PRIOR FILING DATE: 1997-06-16  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
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; PRIOR FILING DATE: 1997-11-12  
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; PRIOR FILING DATE: 1997-11-24  
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; PRIOR FILING DATE: 1998-06-04

, PRIOR APPLICATION NUMBER: 60/088026  
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 , PRIOR APPLICATION NUMBER: 60/090246

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 , PRIOR FILING DATE: 1998-07-02  
 , PRIOR APPLICATION NUMBER: 60/091978  
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 , PRIOR APPLICATION NUMBER: 60/091982  
 , PRIOR FILING DATE: 1998-07-07  
 , PRIOR APPLICATION NUMBER: 60/092182  
 , PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCACAGCAGGGATCC 572  
 Db 18 CCAAGAGCAGGGACCC 2

RESULT 1385  
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 ; Sequence 86, Application US/09944432  
 ; Patent No. US20020142419A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Goddard, Paul  
 ; APPLICANT: Grimaldi, Christopher  
 ; APPLICANT: Gurney, Austin  
 ; APPLICANT: Hillan, Kenneth  
 ; APPLICANT: Kljavin, Ivar  
 ; APPLICANT: Napier, Mary  
 ; APPLICANT: Roy, Margaret  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Wood, William  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P2548P1C1  
 ; CURRENT APPLICATION NUMBER: US/09/944,432  
 ; CURRENT FILING DATE: 2001-09-26  
 ; PRIOR APPLICATION NUMBER: 09/866,028  
 ; PRIOR FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: 60/067,411  
 ; PRIOR FILING DATE: December 3, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,334  
 ; PRIOR FILING DATE: December 11, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,335  
 ; PRIOR FILING DATE: December 11, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,278  
 ; PRIOR FILING DATE: December 11, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,425  
 ; PRIOR FILING DATE: December 12, 1997  
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 ; PRIOR FILING DATE: December 16, 1997  
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 ; PRIOR FILING DATE: December 16, 1997  
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 ; PRIOR FILING DATE: December 16, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,870  
 ; PRIOR FILING DATE: December 17, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,873  
 ; PRIOR FILING DATE: December 17, 1997  
 ; PRIOR APPLICATION NUMBER: 60/068,017  
 ; PRIOR FILING DATE: December 18, 1997  
 ; PRIOR APPLICATION NUMBER: 60/070,440  
 ; PRIOR FILING DATE: January 5, 1998  
 ; PRIOR APPLICATION NUMBER: 60/074,086  
 ; PRIOR FILING DATE: February 9, 1998  
 ; PRIOR APPLICATION NUMBER: 60/074,092  
 ; PRIOR FILING DATE: February 9, 1998  
 ; PRIOR APPLICATION NUMBER: 60/075,945  
 ; PRIOR FILING DATE: February 25, 1998  
 ; PRIOR APPLICATION NUMBER: 60/112,850  
 ; PRIOR FILING DATE: December 16, 1998  
 ; PRIOR APPLICATION NUMBER: 60/113,296  
 ; PRIOR FILING DATE: December 22, 1998  
 ; PRIOR APPLICATION NUMBER: 60/146,222  
 ; PRIOR FILING DATE: July 28, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330  
 ; PRIOR FILING DATE: September 16, 1998  
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108  
 ; PRIOR FILING DATE: December 1, 1998  
 ; PRIOR APPLICATION NUMBER: 09/216,021  
 ; PRIOR FILING DATE: December 16, 1998  
 ; PRIOR APPLICATION NUMBER: 09/218,517  
 ; PRIOR FILING DATE: December 22, 1998  
 ; PRIOR APPLICATION NUMBER: 09/254,311

; PRIOR FILING DATE: March 3, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252  
 ; PRIOR FILING DATE: June 22, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090  
 ; PRIOR FILING DATE: September 15, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409  
 ; PRIOR FILING DATE: NO. US20020142419A1ember 30, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313  
 ; PRIOR FILING DATE: NO. US20020142419A1ember 30, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28301  
 ; PRIOR FILING DATE: December 1, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095  
 ; PRIOR FILING DATE: December 16, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US00/03565  
 ; PRIOR FILING DATE: February 11, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414  
 ; PRIOR FILING DATE: February 22, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/05841  
 ; PRIOR FILING DATE: March 2, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439  
 ; PRIOR FILING DATE: March 30, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/14042  
 ; PRIOR FILING DATE: May 22, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/20710  
 ; PRIOR FILING DATE: July 28, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678  
 ; PRIOR FILING DATE: December 1, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520  
 ; PRIOR FILING DATE: February 28, 2001  
 ; NUMBER OF SEQ ID NOS: 120  
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 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-09-944-432-86  
 Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 556 CCCAACAGCAGGATCC 572  
 Db 18 CCACAGCAGGAGCC 2  
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 ; Sequence 86, Application US/09943762  
 ; Patent No. US20020142958A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Goddard, Paul  
 ; APPLICANT: Grimaldi, Christopher  
 ; APPLICANT: Gurney, Austin  
 ; APPLICANT: Hillan, Kenneth  
 ; APPLICANT: Kljavin, Ivar  
 ; APPLICANT: Napier, Mary  
 ; APPLICANT: Roy, Margaret  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Wood, William  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P2548P1C1  
 ; CURRENT APPLICATION NUMBER: US/09/943,762  
 ; CURRENT FILING DATE: 2001-09-26

Fri Jul 30 10:32:08 2004

PRIOR APPLICATION NUMBER: 09/866,028  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: 60/067,411  
PRIOR FILING DATE: December 3, 1997  
PRIOR APPLICATION NUMBER: 60/069,334  
PRIOR FILING DATE: December 11, 1997  
PRIOR APPLICATION NUMBER: 60/069,335  
PRIOR FILING DATE: December 11, 1997  
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PRIOR APPLICATION NUMBER: 60/146,222  
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PRIOR FILING DATE: September 16, 1998  
PRIOR APPLICATION NUMBER: PCT/US98/25108  
PRIOR FILING DATE: December 1, 1998  
PRIOR APPLICATION NUMBER: 09/216,021  
PRIOR FILING DATE: December 16, 1998  
PRIOR APPLICATION NUMBER: 09/218,517  
PRIOR FILING DATE: December 22, 1998  
PRIOR APPLICATION NUMBER: 09/254,311  
PRIOR FILING DATE: March 3, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: June 22, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: September 15, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/28409  
PRIOR FILING DATE: No. US0020142958A1 September 30, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: No. US0020142958A1 September 30, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/28301  
PRIOR FILING DATE: December 1, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: December 16, 1999  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: February 11, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: February 22, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: March 2, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: March 30, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: May 22, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/20710  
PRIOR FILING DATE: July 28, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/32678

PRIOR FILING DATE: December 1, 2000  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: February 28, 2001  
NUMBER OF SEQ ID NOS: 120  
SEQ ID NO 86  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-943-762-86  
Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7 5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 556 CCAACAGCAGGATCC 572  
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Db 18 CCAACAGCAGGATCC 2  
RESULT 1387  
US-09-944-654-86/c  
Sequence 86, Application US/09944654  
Patent No. US20020142959A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin  
APPLICANT: Botstein, David  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul  
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APPLICANT: Gurney, Austin  
APPLICANT: Hillan, Kenneth  
APPLICANT: Kljavin, Ivar  
APPLICANT: Napier, Mary  
APPLICANT: Roy, Margaret  
APPLICANT: Tamas, Daniel  
APPLICANT: Wood, William  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P2548P1C1  
CURRENT APPLICATION NUMBER: US/09/944,654  
CURRENT FILING DATE: 2001-09-26  
PRIOR APPLICATION NUMBER: 09/866,028  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: 60/067,411  
PRIOR FILING DATE: December 3, 1997  
PRIOR APPLICATION NUMBER: 60/069,334  
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PRIOR FILING DATE: January 5, 1998

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, PRIOR FILING DATE: No. US20020142959A1ember 30, 1999
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, PRIOR APPLICATION NUMBER: PCT/US00/20710
, PRIOR FILING DATE: July 28, 2000
, PRIOR APPLICATION NUMBER: PCT/US00/32678
, PRIOR FILING DATE: December 1, 2000
, PRIOR APPLICATION NUMBER: PCT/US01/06520
, PRIOR FILING DATE: February 28, 2001
, NUMBER OF SEQ ID NOS: 120
, SEQ ID NO: 86
, LENGTH: 18
, TYPE: DNA
, ORGANISM: Artificial Sequence
, FEATURE:
, OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-944-654-86

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/ APPLICANT: Ashkenazi, Avi J.  
 / APPLICANT: Baker, Kevin P.  
 / APPLICANT: Botstein, David  
 / APPLICANT: Desnoyers, Luc  
 / APPLICANT: Eaton, Dan L.  
 / APPLICANT: Ferrara, Napoleone  
 / APPLICANT: Fong, Sherman  
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 / APPLICANT: Gerritsen, Mary E.  
 / APPLICANT: Goddard, Audrey  
 / APPLICANT: Godowski, Paul J.  
 / APPLICANT: Grimaldi, J. Christopher  
 / APPLICANT: Gurney, Austin L.  
 / APPLICANT: Kljavin, Ivar J.  
 / APPLICANT: Napier, Mary A.  
 / APPLICANT: Pan, James  
 / APPLICANT: Paoni, Nicholas F.  
 / APPLICANT: Roy, Margaret Ann  
 / APPLICANT: Stewart, Timothy A.  
 / APPLICANT: Tumas, Daniel  
 / APPLICANT: Watanabe, Colin K.  
 / APPLICANT: Williams, P. Mickey  
 / APPLICANT: Wood, William I.  
 / APPLICANT: Zhang, Zemin  
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 / TITLE OF INVENTION: Acids Encoding the Same  
 / FILE REFERENCE: P2730PIC55  
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 ; PRIOR FILING DATE: 1998-07-09

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 ; Patent No. US20020150976A1  
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 ; APPLICANT: Baker, Kevin  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul  
APPLICANT: Grimaldi, Christopher  
APPLICANT: Gurney, Austin  
APPLICANT: Hillan, Kenneth  
APPLICANT: Kijavin, Ivar  
APPLICANT: Napier, Mary  
APPLICANT: Roy, Margaret  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P2548P1C1  
CURRENT FILING DATE: 2001-08-30  
PRIOR APPLICATION NUMBER: US/09/943,851A  
PRIOR FILING DATE: 2001-08-30  
PRIOR APPLICATION NUMBER: US/09/866,028  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: 60/067,411  
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PRIOR FILING DATE: July 28, 1999  
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PRIOR FILING DATE: December 1, 1998  
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PRIOR FILING DATE: December 22, 1998  
PRIOR APPLICATION NUMBER: 09/254,311  
PRIOR FILING DATE: March 3, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: June 22, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: September 15, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/28409  
PRIOR FILING DATE: No. US20020150976A1ember 30, 1999  
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PRIOR FILING DATE: February 28, 2001  
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US-09-943-851A-86  
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GENERAL INFORMATION:  
APPLICANT: Baker, Kevin  
APPLICANT: Botstein, David  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul  
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APPLICANT: Gurney, Austin  
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APPLICANT: Napier, Mary  
APPLICANT: Roy, Margaret  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
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PRIOR APPLICATION NUMBER: 09/866,028  
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 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Borstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Baton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
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 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
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; PRIOR FILING DATE: September 16, 1998  
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; PRIOR FILING DATE: December 1, 1998  
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; PRIOR APPLICATION NUMBER: PCT/US00/03565  
; PRIOR FILING DATE: February 11, 2000  
; PRIOR APPLICATION NUMBER: PCT/US00/04414  
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; PRIOR APPLICATION NUMBER: PCT/US00/05841  
; PRIOR FILING DATE: March 2, 2000  
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; PRIOR FILING DATE: May 22, 2000  
; PRIOR APPLICATION NUMBER: PCT/US00/20710  
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; PRIOR APPLICATION NUMBER: PCT/US00/32678

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; PRIOR FILING DATE: February 28, 2001  
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; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-944-896-86

Query Match 1.5% Score 12.2; DB 1; Length 18;  
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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db 18 CCAAGAGCAGGAGACCC 2

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; APPLICANT: Baker, Kevin  
; APPLICANT: Botstein, David  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul  
; APPLICANT: Grimaldi, Christopher  
; APPLICANT: Gurney, Austin  
; APPLICANT: Hillan, Kenneth  
; APPLICANT: Kijavini, Ivar  
; APPLICANT: Napier, Mary  
; APPLICANT: Roy, Margaret  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Wood, William  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P2548P1C1  
; CURRENT APPLICATION NUMBER: 2001-09-26  
; CURRENT FILING DATE: 2001-09-26  
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; PRIOR APPLICATION NUMBER: 60/067,411  
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 SEQ ID NO 86  
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 FEATURE:  
 OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-09-944-944-86

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 Sequence 530, Application US/09989293A  
 Patent No. US20020177164A1  
 GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.  
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 APPLICANT: Botstein, David  
 APPLICANT: Desnoyers, Luc  
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 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gerber, Hanspeter  
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 APPLICANT: Pan, James  
 APPLICANT: Paoni, Nicholas F.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 APPLICANT: Zhang, Zemin  
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; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCAACAGCAGGATCC 572  
||| ||||| |||  
Db 18 CCAAGAGCAGGACCC 2

RESULT 1396

US-09-881-012-34  
; Sequence 34, Application US/09881012  
; Publication No. US20020192855A1  
; GENERAL INFORMATION:  
; APPLICANT: Ginn, Edward I.  
; APPLICANT: Egeland, Janice A.  
; APPLICANT: Paul, Steven M.  
; APPLICANT: The Government of the United States of America  
; APPLICANT: as represented by The Secretary of the  
; APPLICANT: Department of Health and Human Services  
; TITLE OF INVENTION: Susceptibility and Resistance Genes for



```

; TITLE OF INVENTION: Bipolar Affective Disorder
; FILE REFERENCE: 015280-248110US
; CURRENT APPLICATION NUMBER: US/09/881,012
; CURRENT FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; PRIOR APPLICATION NUMBER: US 60/062,924
; PRIOR FILING DATE: 1997-10-20
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DIS990 primer
US-09-881-012-34

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Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 477 CTTGGCATTCTCAGGA 493

Db 1 CTTGGCATTCTCAGGA 17

RESULT 1397

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US-09-995-847-13/c
; Sequence 13, Application US/09995847
; Publication No. US20020192721A1
; GENERAL INFORMATION:
; APPLICANT: Kizzuto, Carlo
; APPLICANT: Afeyan, No. US20020192721A1bar
; APPLICANT: Lee, Frank
; APPLICANT: Church, George
; APPLICANT: Das Gupta, Ruchira
; APPLICANT: Zhang, Bin
; APPLICANT: Schwartz, John
; APPLICANT: Lugovskoy, Alexey
; TITLE OF INVENTION: MODULAR MOLECULAR CLASPS AND USES THEREOF
; FILE REFERENCE: ENZ-001
; CURRENT APPLICATION NUMBER: US/09/995,847
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: 60/279,524
; PRIOR FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: Sequence:oligonucleotides
US-09-995-847-13

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Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 660 CTCATGCAGCTGAAGCT 676

Db 18 CTCATGCAGCTGAAGCT 2

RESULT 1398

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US-09-989-735-530/c
; Sequence 530, Application US/09989735
; Publication No. US20020193299A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.

```

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; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC61
; CURRENT APPLICATION NUMBER: US/09/989,735
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
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; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05

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;; PRIOR APPLICATION NUMBER: 60/088202  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/088212  
;; PRIOR FILING DATE: 1998-06-05  
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;; PRIOR APPLICATION NUMBER: 60/091978  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/091982  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/092182  
;; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCAACAGCAGGATCC 572  
||| ||||| |||  
Db 18 CCAAGAGCAGGAGCCC 2

## RESULT 1399

US-09-990-444-530/c  
; Sequence 530, Application US/09990444  
; Publication No. US20020193300A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kijavir, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Paul, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C19  
CURRENT FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: 60/043787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
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; PRIOR APPLICATION NUMBER: 60/090535  
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 ; PRIOR FILING DATE: 1998-07-02  
 ; PRIOR APPLICATION NUMBER: 60/091978  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/091982  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/092182  
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.5% Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCAACAGCAGGGATCC 572  
 Db 18 CCAAAGAGCAGGGACCC 2

RESULT 1400  
 US-09-944-929-86/c  
 ; Sequence 86, Application US/09944929  
 ; Publication No. US20020197612A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul  
 ; APPLICANT: Grimaldi, Christopher  
 ; APPLICANT: Gurney, Austin  
 ; APPLICANT: Hillan, Kenneth  
 ; APPLICANT: Kljavin, Ivar  
 ; APPLICANT: Napier, Mary  
 ; APPLICANT: Roy, Margaret  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Wood, William

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P2548P1C1  
 ; CURRENT APPLICATION NUMBER: US/09/944,929  
 ; CURRENT FILING DATE: 2001-08-31  
 ; PRIOR APPLICATION NUMBER: 09/866,028  
 ; PRIOR FILING DATE: 2001-05-25  
 ; NUMBER OF SEQ ID NOS: 120  
 ; SEQ ID NO 86  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-09-944-929-86

Query Match 1.5% Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCAACAGCAGGGATCC 572  
 Db 18 CCAAAGAGCAGGGACCC 2

RESULT 1401  
 US-09-991-181-530/c  
 ; Sequence 530, Application US/09991181  
 ; Publication No. US20020197615A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
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 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
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 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2730PIC53  
 ; CURRENT APPLICATION NUMBER: US/09/991,181  
 ; CURRENT FILING DATE: 2001-11-16  
 ; PRIOR APPLICATION NUMBER: 60/049787  
 ; PRIOR FILING DATE: 1997-06-16  
 ; PRIOR APPLICATION NUMBER: 60/062250  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/065186  
 ; PRIOR FILING DATE: 1997-11-12  
 ; PRIOR APPLICATION NUMBER: 60/065311  
 ; PRIOR FILING DATE: 1997-11-13  
 ; PRIOR APPLICATION NUMBER: 60/066770  
 ; PRIOR FILING DATE: 1997-11-24  
 ; PRIOR APPLICATION NUMBER: 60/075945  
 ; PRIOR FILING DATE: 1998-02-25  
 ; PRIOR APPLICATION NUMBER: 60/078910  
 ; PRIOR FILING DATE: 1998-03-20



; PRIOR APPLICATION NUMBER: 60/091633  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCACAGCAGGATCC 572  
Db 18 CCACAGCAGGATCC 2

## RESULT 1402

US-09-989-730-530/c  
; Sequence 530, Application US/09989730  
; Publication No. US2002019767A1

## GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kijavini, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2730FIC69

; CURRENT APPLICATION NUMBER: US/09/989,730

; CURRENT FILING DATE: 2001-11-20

; PRIOR APPLICATION NUMBER: 60/049787

; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

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; PRIOR FILING DATE: 1997-11-12

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066770

; PRIOR FILING DATE: 1997-11-24

; PRIOR APPLICATION NUMBER: 60/075945

; PRIOR FILING DATE: 1998-02-25

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/083322

; PRIOR FILING DATE: 1998-04-28

; PRIOR APPLICATION NUMBER: 60/084600

; PRIOR FILING DATE: 1998-05-07

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; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182

; PRIOR FILING DATE: 1998-07-09  
Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 556 CCAACAGCAGGGATCC 572  
Db 18 CCAAGAGCAGGGACCC 2  
RESULT 1403  
US-09-944-907-86/c  
; Sequence 86, Application US/09944907  
; Publication No. US20020198147A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin  
; APPLICANT: Batton, Dan  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul  
; APPLICANT: Grimaldi, Christopher  
; APPLICANT: Gurney, Austin  
; APPLICANT: Hillan, Kenneth  
; APPLICANT: Kljavin, Ivar  
; APPLICANT: Napier, Mary  
; APPLICANT: Roy, Margaret  
; APPLICANT: Tomas, Daniel  
; APPLICANT: Wood, William  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P2548P1C1  
; CURRENT APPLICATION NUMBER: US/09/944,907  
; CURRENT FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: 09/866,028  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 120  
; SEQ ID NO 86  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-944-907-86  
Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 556 CCAACAGCAGGGATCC 572  
Db 18 CCAAGAGCAGGGACCC 2  
RESULT 1404  
US-09-990-436-530/c  
; Sequence 530, Application US/09990436  
; Publication No. US20020198148A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Batton, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Batton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730PIC14  
CURRENT APPLICATION NUMBER: US/09/990,436  
CURRENT FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-15  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/075945  
PRIOR FILING DATE: 1998-02-25  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
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PRIOR FILING DATE: 1998-06-02  
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PRIOR FILING DATE: 1998-06-24



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PRIOR APPLICATION NUMBER: 60/091978  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/092182  
PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACACGACGGATCC 572  
DB 18 CCAAAGACGACGGACCC 2

RESULT 1405  
US-09-993-697-530/c  
Sequence 530, Application US/09993687  
Publication No. US20020198149A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730P1C11  
CURRENT APPLICATION NUMBER: US/09/993,687  
CURRENT FILING DATE: 2002-11-14  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/075945  
PRIOR FILING DATE: 1998-02-25  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/084600  
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PRIOR APPLICATION NUMBER: 60/087759  
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Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCACAGCAGGATCC 572  
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RESULT 1406

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 ; Sequence 530, Application US/09989734  
 ; Publication No. US20030003531A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gershtein, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

1 TITLE OF INVENTION: Acids Encoding the Same  
2 FILE REFERENCE: P2730PIC64  
3 CURRENT APPLICATION NUMBER: US/09/989,734  
4 CURRENT FILING DATE: 2001-11-19  
5 PRIOR APPLICATION NUMBER: 60/049787  
6 PRIOR FILING DATE: 1997-06-16  
7 PRIOR APPLICATION NUMBER: 60/062250  
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Query Match          1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e-02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCACAGACGAGGATCC 572
DB 18 CCACAGACGAGGACCC 2

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; Publication No. US20030008297A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
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; APPLICANT: Godowski, Paul J.
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; APPLICANT: Pan, James
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE REFERENCE: P2730P1C38
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Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Fred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGGATCC 572  
Db 18 CCARAGAGCAGGGACCC 2

RESULT 1408  
US-09-993-667-530/c  
; Sequence 530, Application US/09993667  
; Publication No. US20030022187A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kijavini, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2730P1C4  
; CURRENT APPLICATION NUMBER: US/09/993, 667  
; CURRENT FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: 60/049787  
; PRIOR FILING DATE: 1997-06-16  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/065186  
; PRIOR FILING DATE: 1997-11-12  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066770  
; PRIOR FILING DATE: 1997-11-24

[illegible]

;; PRIOR APPLICATION NUMBER: 60/091519  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091626  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091633  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091978  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/091982  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/092182  
;; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572  
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Db 18 CCAAGAGCAGGAGCC 2

RESULT 1409  
US-09-931-375A-57  
; Sequence 57, Application US/09931375A  
; Publication No. US20030027151A1  
; GENERAL INFORMATION:  
; APPLICANT: WARMAN, Matthew L.  
; APPLICANT: GONG, Yaodun  
; APPLICANT: OLSEN, Bjorn R.  
; APPLICANT: RAWADI, Georges  
; TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF  
; TITLE OF INVENTION: OSTEOPOROSIS  
; FILE REFERENCE: 38464-0004  
; CURRENT APPLICATION NUMBER: US/09/931,375A  
; CURRENT FILING DATE: 2001-08-17  
; PRIOR APPLICATION NUMBER: US 60/304,851  
; PRIOR FILING DATE: 2001-07-13  
; PRIOR APPLICATION NUMBER: US 60/234,337  
; PRIOR FILING DATE: 2000-09-22  
; PRIOR APPLICATION NUMBER: US 60/226,119  
; PRIOR FILING DATE: 2000-08-18  
; NUMBER OF SEQ ID NOS: 89  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 57  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-09-931-375A-57

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 633 CAGTCCGCTCCCTGCA 649  
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Db 1 CAGACCCGCTCCATCCA 17

RESULT 1410  
US-09-997-428-530/C  
; Sequence 530, Application US/09997428  
; Publication No. US20030027162A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone

;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Kljavin, Ivar J.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Matanabe, Colin K.  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William I.  
;; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2730PIC44  
; CURRENT APPLICATION NUMBER: US/09/997,428  
; CURRENT FILING DATE: 2001-11-15  
; PRIOR APPLICATION NUMBER: 60/049787  
; PRIOR FILING DATE: 1997-06-16  
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 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/092182  
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572  
 Db 18 CCAAGACAGGACCC 2

## RESULT 1411

US-09-997-666-530/c  
 ; Sequence 530, Application US/09997666  
 ; Publication No. US20030027163A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Geritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.



APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730PIC42  
CURRENT APPLICATION NUMBER: US/09/997,666  
CURRENT FILING DATE: 2001-11-15  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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PRIOR APPLICATION NUMBER: 60/075945  
PRIOR FILING DATE: 1998-02-25  
PRIOR APPLICATION NUMBER: 60/078910  
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PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/084600  
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PRIOR APPLICATION NUMBER: 60/091978  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/092182  
PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 556 CCCACACAGGAGTCC 572  
DB 18 CCAAGACGAGGACC 2

RESULT 1412  
US-09-990-438-530/C  
Sequence 530, Application US/09990438  
Publication No. US20030027754A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C3  
CURRENT APPLICATION NUMBER: US/09/990,438  
CURRENT FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
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PRIOR APPLICATION NUMBER: 60/078910  
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; PRIOR FILING DATE: 1998-07-07  
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; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e-02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCACACAGCAGGATCC 572  
Db 18 CCACACAGCAGGATCC 2

## RESULT 1413

US-09-990-562-530/c  
; Sequence 530, Application US/09990562  
; Publication No. US20030027985A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2730PIC18

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PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACGACGAGGATCC 572  
Db 18 CCAAGACGAGGACCC 2

RESULT 1414  
US-09-990-711-530/c  
Sequence 530, Application US/09990711  
Publication No. US20030302023M1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
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APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730P1C2  
CURRENT APPLICATION NUMBER: US/09/990,711  
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 ; PRIOR FILING DATE: 1998-07-02  
 ; PRIOR APPLICATION NUMBER: 60/091978  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/091982  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/092182  
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGGATCC 572  
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 Db 18 CCAAGAGCAGGGAGCC 2

RESULT 1415

US-09-989-726-530/c  
 ; Sequence 530, Application US/0989726  
 ; Publication No. US20030040473A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Fertara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Faehri, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE OF INVENTION: Acids Encoding the Same  
 ; FILE REFERENCE: P2730PIC60  
 ; CURRENT APPLICATION NUMBER: US/09/989,726  
 ; CURRENT FILING DATE: 2001-11-19  
 ; PRIOR APPLICATION NUMBER: 60/049787  
 ; PRIOR FILING DATE: 1997-06-16  
 ; PRIOR APPLICATION NUMBER: 60/062250  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/065186  
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 ; PRIOR FILING DATE: 1997-11-13  
 ; PRIOR APPLICATION NUMBER: 60/066770  
 ; PRIOR FILING DATE: 1997-11-24  
 ; PRIOR APPLICATION NUMBER: 60/075945  
 ; PRIOR FILING DATE: 1998-02-25

[illegible]

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; PRIOR APPLICATION NUMBER: 60/091626
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; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
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; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      1.5%  Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      556 CCCAACAGCAGGATCC 572
Db      18 CCMAAGACAGGACCC 2

RESULT 1416
US-09-998-156-530/c
; Sequence 530, Application US/09998156
; Publication No. US20030044806A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC28
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US/09/998,156
; PRIOR FILING DATE: 1997-08-16
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;; PRIOR FILING DATE: 1998-07-09  
  
Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 556 CCAACAGCAGGATCC 572  
Db 18 CCAAGAGCAGGACCC 2  
  
RESULT 1417  
US-09-990-437-530/c  
; Sequence 530, Application US/09990437  
; Publication No. US20030045463A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tomas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2730PIC49  
; CURRENT APPLICATION NUMBER: US/09/990,437  
; CURRENT FILING DATE: 2001-11-16  
; PRIOR APPLICATION NUMBER: 60/049787  
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; PRIOR FILING DATE: 1997-11-24  
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PRIOR APPLICATION NUMBER: 60/091519  
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PRIOR APPLICATION NUMBER: 60/091633  
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PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07  
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PRIOR FILING DATE: 1998-07-09

QY 556 CCAACAGCAGGATCC 572  
Db 18 CCAAGAGCAGGACCC 2

RESULT 1418  
US-09-991-157-530/c  
Sequence 530, Application US/09991157  
Publication No: US20030049638A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: KJavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C51  
CURRENT APPLICATION NUMBER: US/09/991,157  
CURRENT FILING DATE: 2001-11-16  
PRIOR APPLICATION NUMBER: 60/049787  
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 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/092182  
 PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DS 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGGATCC 572  
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 DB 18 CCAAGAGCAGGGACCC 2

US-09-997-514-530/c  
 ; Sequence 530, Application US/09997514  
 ; Publication No. US20030049681A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Klijavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P273021C46  
 ; CURRENT APPLICATION NUMBER: US/09/997,514  
 ; CURRENT FILING DATE: 2001-11-15  
 ; PRIOR APPLICATION NUMBER: 60/049787  
 ; PRIOR FILING DATE: 1997-06-16  
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; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572
DB 18 CCAAAGAGCAGGACCC 2

RESULT 1420
US-09-997-573-530/c
; Sequence 530, Application US/09997573
; Publication No. US20030049682A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Nagier, Mary A.  
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APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730P1C45  
CURRENT APPLICATION NUMBER: US/09/997,573  
CURRENT FILING DATE: 2001-11-15  
PRIOR APPLICATION NUMBER: 60/049787  
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 PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCACAGCAGGATCC 572  
 Dd 18 CCAAAGACGAGGACCC 2

RESULT 1421  
 US-09-991-172-530/c  
 Sequence 530, Application US/09991172  
 Publication No. US20030050457A1  
 GENERAL INFORMATION:  
 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Deanovers, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gerber, Hanspeter  
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 APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.  
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 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 TITLE OF INVENTION: Acids Encoding the Same  
 FILE REFERENCE: P2730P1CS0  
 CURRENT APPLICATION NUMBER: US/09/991,172  
 CURRENT FILING DATE: 2001-11-16  
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Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572  
 Db 18 CCAAGAGCAGGACCC 2

RESULT 1422  
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 ; Sequence 530, Application US/09930726  
 ; Publication No. US20030054359A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Borstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gexitsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.



APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730PIC16  
CURRENT APPLICATION NUMBER: US/09/990,726  
CURRENT FILING DATE: 2001-11-14  
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PRIOR FILING DATE: 1997-06-16  
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Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACGACGGGATCC 572  
DB 18 CCAAGACGAGGACCC 2

RESULT 1423  
US-09-997-559-530/c  
Sequence 530, Application US/09997559  
Publication No. US20030054403A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730PIC40  
CURRENT APPLICATION NUMBER: US/09/997,559  
CURRENT FILING DATE: 2001-11-15  
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; PRIOR APPLICATION NUMBER: 60/090690  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090694

;  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090696  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090862  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/090863  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091478  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091544  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091626  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091633  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCAACAGCAGGATCC 572  
DB 18 CCAAGAGCAGGACCC 2

## RESULT 1424

US-09-997-601-530/c  
; Sequence 530, Application US/09997601  
; Publication No. US20030054404A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kijavini, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2730PIC36  
; CURRENT APPLICATION NUMBER: US/09/997,601  
; CURRENT FILING DATE: 2001-11-15  
; PRIOR APPLICATION NUMBER: 60/049787  
; PRIOR FILING DATE: 1997-06-16

7	PRIOR APPLICATION NUMBER: 60/062255
8	PRIOR FILING DATE: 1997-10-17
9	PRIOR APPLICATION NUMBER: 60/065186
10	PRIOR FILING DATE: 1997-11-12
11	PRIOR APPLICATION NUMBER: 60/065311
12	PRIOR FILING DATE: 1997-11-13
13	PRIOR APPLICATION NUMBER: 60/066770
14	PRIOR FILING DATE: 1997-11-24
15	PRIOR APPLICATION NUMBER: 60/075945
16	PRIOR FILING DATE: 1998-02-25
17	PRIOR APPLICATION NUMBER: 60/078910
18	PRIOR FILING DATE: 1998-03-20
19	PRIOR APPLICATION NUMBER: 60/083322
20	PRIOR FILING DATE: 1998-04-28
21	PRIOR APPLICATION NUMBER: 60/084600
22	PRIOR FILING DATE: 1998-05-07
23	PRIOR APPLICATION NUMBER: 60/087106
24	PRIOR FILING DATE: 1998-05-28
25	PRIOR APPLICATION NUMBER: 60/087607
26	PRIOR FILING DATE: 1998-06-02
27	PRIOR APPLICATION NUMBER: 60/087609
28	PRIOR FILING DATE: 1998-06-02
29	PRIOR APPLICATION NUMBER: 60/087759
30	PRIOR FILING DATE: 1998-06-02
31	PRIOR APPLICATION NUMBER: 60/087827
32	PRIOR FILING DATE: 1998-06-03
33	PRIOR APPLICATION NUMBER: 60/088021
34	PRIOR FILING DATE: 1998-06-04
35	PRIOR APPLICATION NUMBER: 60/088025
36	PRIOR FILING DATE: 1998-06-04
37	PRIOR APPLICATION NUMBER: 60/088026
38	PRIOR FILING DATE: 1998-06-04
39	PRIOR APPLICATION NUMBER: 60/088028
40	PRIOR FILING DATE: 1998-06-04
41	PRIOR APPLICATION NUMBER: 60/088029
42	PRIOR FILING DATE: 1998-06-04
43	PRIOR APPLICATION NUMBER: 60/088030
44	PRIOR FILING DATE: 1998-06-04
45	PRIOR APPLICATION NUMBER: 60/088033
46	PRIOR FILING DATE: 1998-06-04
47	PRIOR APPLICATION NUMBER: 60/088326
48	PRIOR FILING DATE: 1998-06-04
49	PRIOR APPLICATION NUMBER: 60/088167
50	PRIOR FILING DATE: 1998-06-05
51	PRIOR APPLICATION NUMBER: 60/088202
52	PRIOR FILING DATE: 1998-06-05
53	PRIOR APPLICATION NUMBER: 60/088212
54	PRIOR FILING DATE: 1998-06-05
55	PRIOR APPLICATION NUMBER: 60/088217
56	PRIOR FILING DATE: 1998-06-05
57	PRIOR APPLICATION NUMBER: 60/088655
58	PRIOR FILING DATE: 1998-06-09
59	PRIOR APPLICATION NUMBER: 60/088910
60	PRIOR FILING DATE: 1998-06-10
61	PRIOR APPLICATION NUMBER: 60/088734
62	PRIOR FILING DATE: 1998-06-10
63	PRIOR APPLICATION NUMBER: 60/088738
64	PRIOR FILING DATE: 1998-06-10
65	PRIOR APPLICATION NUMBER: 60/088742
66	PRIOR FILING DATE: 1998-06-10
67	PRIOR APPLICATION NUMBER: 60/088910
68	PRIOR FILING DATE: 1998-06-11
69	PRIOR APPLICATION NUMBER: 60/088961
70	PRIOR FILING DATE: 1998-06-11
71	PRIOR APPLICATION NUMBER: 60/088876
72	PRIOR FILING DATE: 1998-06-11
73	PRIOR APPLICATION NUMBER: 60/089105
74	PRIOR FILING DATE: 1998-06-12
75	PRIOR APPLICATION NUMBER: 60/089440

; PRIOR APPLICATION NUMBER: 60/090863  
 ; PRIOR FILING DATE: 1998-06-26  
 ; PRIOR APPLICATION NUMBER: 60/091360  
 ; PRIOR FILING DATE: 1998-07-01  
 ; PRIOR APPLICATION NUMBER: 60/091478  
 ; PRIOR FILING DATE: 1998-07-02  
 ; PRIOR APPLICATION NUMBER: 60/091544  
 ; PRIOR FILING DATE: 1998-07-01  
 ; PRIOR APPLICATION NUMBER: 60/091519  
 ; PRIOR FILING DATE: 1998-07-02  
 ; PRIOR APPLICATION NUMBER: 60/091626  
 ; PRIOR FILING DATE: 1998-07-02  
 ; PRIOR APPLICATION NUMBER: 60/091633  
 ; PRIOR FILING DATE: 1998-07-02  
 ; PRIOR APPLICATION NUMBER: 60/091978  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/091982  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/092182  
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.5% Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 7.5e+02; Mismatches 0; Gaps 0; Indels 3;

QY 556 CCAACAGCAGGATCC 572  
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 Db 18 CCAACAGCAGGACCC 2

## RESULT 1425

; Sequence 530, Application US/09990443  
 ; Publication No. US20030054987A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding the Same  
 ; FILE REFERENCE: P2730P1C12  
 ; CURRENT APPLICATION NUMBER: US/09/990,443  
 ; CURRENT FILING DATE: 2001-11-14  
 ; PRIOR APPLICATION NUMBER: 60/049787  
 ; PRIOR FILING DATE: 1997-06-16  
 ; PRIOR APPLICATION NUMBER: 60/062250  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/065186  
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; PRIOR FILING DATE: 1997-11-24  
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 ; PRIOR FILING DATE: 1998-02-25  
 ; PRIOR APPLICATION NUMBER: 60/078910  
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 ; PRIOR FILING DATE: 1998-06-02  
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 ; PRIOR APPLICATION NUMBER: 60/088021  
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;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090445  
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;; PRIOR FILING DATE: 1998-06-25  
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;; PRIOR APPLICATION NUMBER: 60/090695  
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;; PRIOR APPLICATION NUMBER: 60/090678  
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;; PRIOR APPLICATION NUMBER: 60/090862  
;; PRIOR FILING DATE: 1998-06-26  
;; PRIOR APPLICATION NUMBER: 60/090863  
;; PRIOR FILING DATE: 1998-06-26  
;; PRIOR APPLICATION NUMBER: 60/091360  
;; PRIOR FILING DATE: 1998-07-01  
;; PRIOR APPLICATION NUMBER: 60/091478  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091544

;; PRIOR FILING DATE: 1998-07-01  
;; PRIOR APPLICATION NUMBER: 60/091519  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091626  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091633  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091978  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/091982  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/092182  
;; PRIOR FILING DATE: 1998-07-09

Quary Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572  
Db 18 CCAAAGAGCGGACCC 2

RESULT 1426

US-09-991-854-530/c  
; Sequence 530, Application US/09991854  
; Publication No. US20030059780A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P27301C24  
; CURRENT APPLICATION NUMBER: US/09/991,854  
; CURRENT FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: 60/049787  
; PRIOR FILING DATE: 1997-06-16  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/065186  
; PRIOR FILING DATE: 1997-11-12  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066770  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/075945  
; PRIOR FILING DATE: 1998-02-25  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28

1	PRIOR FILING DATE: 1998-06-17	
2	PRIOR APPLICATION NUMBER: 60/089553	
3	PRIOR FILING DATE: 1998-06-17	
4	PRIOR APPLICATION NUMBER: 60/089801	
5	PRIOR FILING DATE: 1998-06-18	
6	PRIOR APPLICATION NUMBER: 60/089907	
7	PRIOR FILING DATE: 1998-06-18	
8	PRIOR APPLICATION NUMBER: 60/089908	
9	PRIOR FILING DATE: 1998-06-18	
10	PRIOR APPLICATION NUMBER: 60/089947	
11	PRIOR FILING DATE: 1998-06-19	
12	PRIOR APPLICATION NUMBER: 60/089948	
13	PRIOR FILING DATE: 1998-06-19	
14	PRIOR APPLICATION NUMBER: 60/089952	
15	PRIOR FILING DATE: 1998-06-19	
16	PRIOR APPLICATION NUMBER: 60/090246	
17	PRIOR FILING DATE: 1998-06-22	
18	PRIOR APPLICATION NUMBER: 60/090252	
19	PRIOR FILING DATE: 1998-06-22	
20	PRIOR APPLICATION NUMBER: 60/090254	
21	PRIOR FILING DATE: 1998-06-22	
22	PRIOR APPLICATION NUMBER: 60/090349	
23	PRIOR FILING DATE: 1998-06-23	
24	PRIOR APPLICATION NUMBER: 60/090355	
25	PRIOR FILING DATE: 1998-06-23	
26	PRIOR APPLICATION NUMBER: 60/090429	
27	PRIOR FILING DATE: 1998-06-24	
28	PRIOR APPLICATION NUMBER: 60/090431	
29	PRIOR FILING DATE: 1998-06-24	
30	PRIOR APPLICATION NUMBER: 60/090435	
31	PRIOR FILING DATE: 1998-06-24	
32	PRIOR APPLICATION NUMBER: 60/090444	
33	PRIOR FILING DATE: 1998-06-24	
34	PRIOR APPLICATION NUMBER: 60/090445	
35	PRIOR FILING DATE: 1998-06-24	
36	PRIOR APPLICATION NUMBER: 60/090472	
37	PRIOR FILING DATE: 1998-06-24	
38	PRIOR APPLICATION NUMBER: 60/090535	
39	PRIOR FILING DATE: 1998-06-24	
40	PRIOR APPLICATION NUMBER: 60/090540	
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43	PRIOR FILING DATE: 1998-06-24	
44	PRIOR APPLICATION NUMBER: 60/090557	
45	PRIOR FILING DATE: 1998-06-24	
46	PRIOR APPLICATION NUMBER: 60/090676	
47	PRIOR FILING DATE: 1998-06-25	
48	PRIOR APPLICATION NUMBER: 60/090678	
49	PRIOR FILING DATE: 1998-06-25	
50	PRIOR APPLICATION NUMBER: 60/090690	
51	PRIOR FILING DATE: 1998-06-25	
52	PRIOR APPLICATION NUMBER: 60/090694	
53	PRIOR FILING DATE: 1998-06-25	
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56	PRIOR APPLICATION NUMBER: 60/090696	
57	PRIOR FILING DATE: 1998-06-25	
58	PRIOR APPLICATION NUMBER: 60/090862	
59	PRIOR FILING DATE: 1998-06-26	
60	PRIOR APPLICATION NUMBER: 60/090863	
61	PRIOR FILING DATE: 1998-06-26	
62	PRIOR APPLICATION NUMBER: 60/091360	
63	PRIOR FILING DATE: 1998-07-01	
64	PRIOR APPLICATION NUMBER: 60/091478	
65	PRIOR FILING DATE: 1998-07-02	
66	PRIOR APPLICATION NUMBER: 60/091544	
67	PRIOR FILING DATE: 1998-07-01	
68	PRIOR APPLICATION NUMBER: 60/091519	
69	PRIOR FILING DATE: 1998-07-02	
70	PRIOR APPLICATION NUMBER: 60/091626	
71	PRIOR FILING DATE: 1998-07-02	
72	PRIOR APPLICATION NUMBER: 60/091633	
73	PRIOR FILING DATE: 1998-07-02	

; PRIOR APPLICATION NUMBER: 60/091978  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/091982  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/092182  
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.58; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.48; Pred No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACACGACGGATCC 572  
 ||| ||||| |||||  
 Db 18 CCAAAGACGACGGACCC 2

# RESULT 1427

US-09-997-628-530/c  
 ; Sequence 530, Application US/09997628  
 ; Publication No. US20030059782A1

## GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2730P1C30

; CURRENT APPLICATION NUMBER: US/09/997,628

; PRIOR FILING DATE: 2001-11-15  
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Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. NO. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
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 Db 18 CCACACAGCAGGACCC 2

# RESULT 1428

; Sequence 530, Application US/09997683  
 ; Publication No. US20030059783A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
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 ; APPLICANT: Williams, P. Mickey  
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 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2730FIC32  
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Query Match 1.5%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 7.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCAACAGCAGGATCC 572

Db 18 CCAAGAGCAGGACCC 2

## RESULT 1429

US-09-989-729A-530/c  
 ; Sequence 530, Application US/09989729A  
 ; Publication No. US20030059831A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
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 ; APPLICANT: Desnoyers, Luc  
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 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding the Same  
 ; FILE REFERENCE: P2730P1C59  
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 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 7.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCAACACGACGGATCC 572

Db 18 CCAAGAGCAGGGACCC 2

RESULT 1430

US-09-997-349-530/c

; Sequence 530, Application US/09997349

; Publication No. US20030059832A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gertsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2730P1C37  
 ; CURRENT APPLICATION NUMBER: US/09/997,349  
 ; CURRENT FILING DATE: 2001-11-15  
 ; PRIOR APPLICATION NUMBER: 60/045787  
 ; PRIOR FILING DATE: 1997-06-16  
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/ PRIOR FILING DATE: 1998-07-07  
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Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCAACAGCAGGATCC.572  
Db 18 CCAAAGAGCAGGACCC 2

RESULT 1431  
US-09-997-440-530/c  
; Sequence 530, Application US/09997440  
; Publication No. US20030059833A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Deenoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman

APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730P1C31  
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 PRIOR FILING DATE: 1998-07-07  
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 PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.Se+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572  
 Db 18 CCAGAGCAGGACCC 2

RESULT 1432  
 US-09-990-440-530/c  
 Sequence 530, Application US/09990440  
 Publication No. US20030060407A1  
 GENERAL INFORMATION:  
 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Grimaldi, J. Christopher  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Kljavin, Ivar J.

APPLICANT: Napier, Mary A.  
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 APPLICANT: Roy, Margaret Ann  
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 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 FILE OF INVENTION: Acids Encoding the Same  
 FILE REFERENCE: P2730PIC21  
 CURRENT APPLICATION NUMBER: US/09/990,440  
 CURRENT FILING DATE: 2001-11-14  
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Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACACGACGGATCC 572  
 DB 18 CCAAGACGCGGACCC 2

RESULT 1433  
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 ; Sequence 530, Application US/09993459  
 ; Publication No. US20030068623A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavi, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.



APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C5  
CURRENT APPLICATION NUMBER: US/09/993,469  
CURRENT FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
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Query Match 1.5%; Score 12.2; DB 1; Length 18;

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QY 556 CCCAACAGCAGGATCC 572  
 DB 18 CCAGAGCAGGACCC 2

RESULT 1434

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 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
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 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding the Same  
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; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCAACAGCAGGGATCC 572  
Db 18 CCAAGAGCAGGGACCC 2

## RESULT 1435

US-09-993-748-530/c  
; Sequence 530, Application US/09993748  
; Publication No. US20030069403A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2730PIC23  
; CURRENT FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: 60/049787  
; PRIOR FILING DATE: 1997-06-16  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/065186  
; PRIOR FILING DATE: 1997-11-12



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; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      1.58; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.48; Pred.No. 7.Se+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Caps 0;

Qy 556 CCCAACAGCAGGGATCC 572
Db 18 CCAAGAGCAGGGACCC 2

RESULT 1436
US-09-990-439-530/c
; Sequence 530, Application US/09990439
; Publication No. US20030073090A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: KJavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C52
; CURRENT APPLICATION NUMBER: US/09/990,439
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
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; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
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PRIOR APPLICATION NUMBER: 60/089599  
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PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089653  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089801  
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PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
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PRIOR FILING DATE: 1998-06-18  
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PRIOR APPLICATION NUMBER: 60/089948  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/089952  
PRIOR FILING DATE: 1998-06-19  
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PRIOR FILING DATE: 1998-06-22  
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PRIOR FILING DATE: 1998-06-22  
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PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
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PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090435  
PRIOR FILING DATE: 1998-06-24  
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PRIOR FILING DATE: 1998-06-24  
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PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091478  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091544  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091625

PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091633  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091978  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/092182  
PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 7.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572

Db 18 CCAAAGACAGGACCC 2

# RESULT 1437

US-09-990-427-530/c

; Sequence 530, Application US/09990427

; Publication No. US20030073809A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Klijavin, Ivar J.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K.

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2730P1C10

; CURRENT APPLICATION NUMBER: US/09/990,427

; CURRENT FILING DATE: 2001-11-14

; PRIOR APPLICATION NUMBER: 60/049787

; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/065186

; PRIOR FILING DATE: 1997-11-12

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066770

; PRIOR FILING DATE: 1997-11-24

; PRIOR APPLICATION NUMBER: 60/075945

; PRIOR FILING DATE: 1998-02-25

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/083322

; PRIOR FILING DATE: 1998-04-28

; PRIOR APPLICATION NUMBER: 60/084600

; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/087106

; PRIOR FILING DATE: 1998-05-28

PRIOR FILING DATE:	1998-06-18
PRIOR APPLICATION NUMBER:	60/089907
PRIOR FILING DATE:	1998-06-18
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PRIOR FILING DATE:	1998-06-18
PRIOR APPLICATION NUMBER:	60/089947
PRIOR FILING DATE:	1998-06-19
PRIOR APPLICATION NUMBER:	60/089948
PRIOR FILING DATE:	1998-06-19
PRIOR APPLICATION NUMBER:	60/089952
PRIOR FILING DATE:	1998-06-19
PRIOR APPLICATION NUMBER:	60/090246
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PRIOR FILING DATE:	1998-06-24
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PRIOR FILING DATE:	1998-06-24
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PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090445
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PRIOR FILING DATE:	1998-06-25
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PRIOR FILING DATE:	1998-06-25
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PRIOR APPLICATION NUMBER:	60/090694
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PRIOR APPLICATION NUMBER:	60/090695
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090696
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090862
PRIOR FILING DATE:	1998-06-26
PRIOR APPLICATION NUMBER:	60/090863
PRIOR FILING DATE:	1998-06-26
PRIOR APPLICATION NUMBER:	60/091360
PRIOR FILING DATE:	1998-07-01
PRIOR APPLICATION NUMBER:	60/091478
PRIOR FILING DATE:	1998-07-02
PRIOR APPLICATION NUMBER:	60/091544
PRIOR FILING DATE:	1998-07-01
PRIOR APPLICATION NUMBER:	60/091519
PRIOR FILING DATE:	1998-07-02
PRIOR APPLICATION NUMBER:	60/091626
PRIOR FILING DATE:	1998-07-02
PRIOR APPLICATION NUMBER:	60/091633
PRIOR FILING DATE:	1998-07-02
PRIOR APPLICATION NUMBER:	60/091978
PRIOR FILING DATE:	1998-07-07
PRIOR APPLICATION NUMBER:	60/091982
PRIOR FILING DATE:	1998-07-07

; PRIOR APPLICATION NUMBER: 60/092182  
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGCGATCC 572  
 DB 18 CCAAGAGCAGGACCC 2

RESULT 1438  
 US-09-989-328-530/c  
 ; Sequence 530, Application US/09989328  
 ; Publication No. US20030077593A1

## GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2730P1C54

; CURRENT APPLICATION NUMBER: US/09/989,328

; CURRENT FILING DATE: 2001-11-01

; PRIOR APPLICATION NUMBER: 60/049787

; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/065186

; PRIOR FILING DATE: 1997-11-12

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066770

; PRIOR FILING DATE: 1997-11-24

; PRIOR APPLICATION NUMBER: 60/075945

; PRIOR FILING DATE: 1998-02-25

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/083322

; PRIOR FILING DATE: 1998-04-28

; PRIOR APPLICATION NUMBER: 60/084600

; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/087106

; PRIOR FILING DATE: 1998-05-28

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 532

; SEQ ID NO 530

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-09-989-328-530

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGCGATCC 572  
 DB 18 CCAAGAGCAGGACCC 2

## RESULT 1439

US-09-993-583-530/c  
 ; Sequence 530, Application US/09993583  
 ; Publication No. US20030077594A1

## GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2730P1C7

; CURRENT APPLICATION NUMBER: US/09/993,583

; CURRENT FILING DATE: 2001-11-14

; PRIOR APPLICATION NUMBER: 60/049787

; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/065186

; PRIOR FILING DATE: 1997-11-12

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066770

; PRIOR FILING DATE: 1997-11-24

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; PRIOR APPLICATION NUMBER: 60/078910

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; PRIOR APPLICATION NUMBER: 60/087827



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3 PRIOR FILING DATE: 1998-06-04  
4 PRIOR APPLICATION NUMBER: 60/088025  
5 PRIOR FILING DATE: 1998-06-04  
6 PRIOR APPLICATION NUMBER: 60/088026  
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8 PRIOR APPLICATION NUMBER: 60/088028  
9 PRIOR FILING DATE: 1998-06-04  
10 PRIOR APPLICATION NUMBER: 60/088029  
11 PRIOR FILING DATE: 1998-06-04  
12 PRIOR APPLICATION NUMBER: 60/088030  
13 PRIOR FILING DATE: 1998-06-04  
14 PRIOR APPLICATION NUMBER: 60/088033  
15 PRIOR FILING DATE: 1998-06-04  
16 PRIOR APPLICATION NUMBER: 60/088326  
17 PRIOR FILING DATE: 1998-06-04  
18 PRIOR APPLICATION NUMBER: 60/088167  
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42 PRIOR APPLICATION NUMBER: 60/088861  
43 PRIOR FILING DATE: 1998-06-11  
44 PRIOR APPLICATION NUMBER: 60/088876  
45 PRIOR FILING DATE: 1998-06-11  
46 PRIOR APPLICATION NUMBER: 60/089105  
47 PRIOR FILING DATE: 1998-06-12  
48 PRIOR APPLICATION NUMBER: 60/089440  
49 PRIOR FILING DATE: 1998-06-16  
50 PRIOR APPLICATION NUMBER: 60/089512  
51 PRIOR FILING DATE: 1998-06-16  
52 PRIOR APPLICATION NUMBER: 60/089514  
53 PRIOR FILING DATE: 1998-06-16  
54 PRIOR APPLICATION NUMBER: 60/089532  
55 PRIOR FILING DATE: 1998-06-17  
56 PRIOR APPLICATION NUMBER: 60/089538  
57 PRIOR FILING DATE: 1998-06-17  
58 PRIOR APPLICATION NUMBER: 60/089598  
59 PRIOR FILING DATE: 1998-06-17  
60 PRIOR APPLICATION NUMBER: 60/089599  
61 PRIOR FILING DATE: 1998-06-17  
62 PRIOR APPLICATION NUMBER: 60/089600  
63 PRIOR FILING DATE: 1998-06-17  
64 PRIOR APPLICATION NUMBER: 60/089653  
65 PRIOR FILING DATE: 1998-06-17  
66 PRIOR APPLICATION NUMBER: 60/089801  
67 PRIOR FILING DATE: 1998-06-18  
68 PRIOR APPLICATION NUMBER: 60/089907  
69 PRIOR FILING DATE: 1998-06-18  
70 PRIOR APPLICATION NUMBER: 60/089908  
71 PRIOR FILING DATE: 1998-06-18  
72 PRIOR APPLICATION NUMBER: 60/089947  
73 PRIOR FILING DATE: 1998-06-19

74 PRIOR APPLICATION NUMBER: 60/089948  
75 PRIOR FILING DATE: 1998-06-19  
76 PRIOR APPLICATION NUMBER: 60/089952  
77 PRIOR FILING DATE: 1998-06-19  
78 PRIOR APPLICATION NUMBER: 60/090246  
79 PRIOR FILING DATE: 1998-06-22  
80 PRIOR APPLICATION NUMBER: 60/090252  
81 PRIOR FILING DATE: 1998-06-22  
82 PRIOR APPLICATION NUMBER: 60/090254  
83 PRIOR FILING DATE: 1998-06-22  
84 PRIOR APPLICATION NUMBER: 60/090349  
85 PRIOR FILING DATE: 1998-06-23  
86 PRIOR APPLICATION NUMBER: 60/090355  
87 PRIOR FILING DATE: 1998-06-23  
88 PRIOR APPLICATION NUMBER: 60/090429  
89 PRIOR FILING DATE: 1998-06-24  
90 PRIOR APPLICATION NUMBER: 60/090431  
91 PRIOR FILING DATE: 1998-06-24  
92 PRIOR APPLICATION NUMBER: 60/090435  
93 PRIOR FILING DATE: 1998-06-24  
94 PRIOR APPLICATION NUMBER: 60/090444  
95 PRIOR FILING DATE: 1998-06-24  
96 PRIOR APPLICATION NUMBER: 60/090445  
97 PRIOR FILING DATE: 1998-06-24  
98 PRIOR APPLICATION NUMBER: 60/090472  
99 PRIOR FILING DATE: 1998-06-24  
100 PRIOR APPLICATION NUMBER: 60/090535  
101 PRIOR FILING DATE: 1998-06-24  
102 PRIOR APPLICATION NUMBER: 60/090540  
103 PRIOR FILING DATE: 1998-06-24  
104 PRIOR APPLICATION NUMBER: 60/090542  
105 PRIOR FILING DATE: 1998-06-24  
106 PRIOR APPLICATION NUMBER: 60/090557  
107 PRIOR FILING DATE: 1998-06-24  
108 PRIOR APPLICATION NUMBER: 60/090676  
109 PRIOR FILING DATE: 1998-06-25  
110 PRIOR APPLICATION NUMBER: 60/090678  
111 PRIOR FILING DATE: 1998-06-25  
112 PRIOR APPLICATION NUMBER: 60/090690  
113 PRIOR FILING DATE: 1998-06-25  
114 PRIOR APPLICATION NUMBER: 60/090694  
115 PRIOR FILING DATE: 1998-06-25  
116 PRIOR APPLICATION NUMBER: 60/090695  
117 PRIOR FILING DATE: 1998-06-25  
118 PRIOR APPLICATION NUMBER: 60/090696  
119 PRIOR FILING DATE: 1998-06-25  
120 PRIOR APPLICATION NUMBER: 60/090862  
121 PRIOR FILING DATE: 1998-06-26  
122 PRIOR APPLICATION NUMBER: 60/090863  
123 PRIOR FILING DATE: 1998-06-26  
124 PRIOR APPLICATION NUMBER: 60/091360  
125 PRIOR FILING DATE: 1998-07-01  
126 PRIOR APPLICATION NUMBER: 60/091478  
127 PRIOR FILING DATE: 1998-07-02  
128 PRIOR APPLICATION NUMBER: 60/091544  
129 PRIOR FILING DATE: 1998-07-01  
130 PRIOR APPLICATION NUMBER: 60/091519  
131 PRIOR FILING DATE: 1998-07-02  
132 PRIOR APPLICATION NUMBER: 60/091626  
133 PRIOR FILING DATE: 1998-07-02  
134 PRIOR APPLICATION NUMBER: 60/091633  
135 PRIOR FILING DATE: 1998-07-02  
136 PRIOR APPLICATION NUMBER: 60/091978  
137 PRIOR FILING DATE: 1998-07-07  
138 PRIOR APPLICATION NUMBER: 60/091982  
139 PRIOR FILING DATE: 1998-07-07  
140 PRIOR APPLICATION NUMBER: 60/092182  
141 PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572  
 |||||  
 Db 18 CCAAGAGCAGGACCC 2  
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RESULT 1440

US-09-944-884-86/c  
 ; Sequence 86, Application US/09944884  
 ; Publication No. US20030077698A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul  
 ; APPLICANT: Grimaldi, Christopher  
 ; APPLICANT: Gurney, Austin  
 ; APPLICANT: Hillan, Kenneth  
 ; APPLICANT: Kljavin, Ivar  
 ; APPLICANT: Napier, Mary  
 ; APPLICANT: Roy, Margaret  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Wood, William  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P2548P1C1  
 ; CURRENT APPLICATION NUMBER: US/09/944,884  
 ; CURRENT FILING DATE: 2001-08-31  
 ; PRIOR APPLICATION NUMBER: 09/866,028  
 ; PRIOR FILING DATE: 2001-05-25  
 ; NUMBER OF SEQ ID NOS: 120  
 ; SEQ ID NO 86  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-09-944-884-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572  
 |||||  
 Db 18 CCAAGAGCAGGACCC 2  
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RESULT 1441

US-09-941-992-530/c  
 ; Sequence 530, Application US/09941992  
 ; Publication No. US20030082546A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2730P1C1  
 ; CURRENT APPLICATION NUMBER: US/09/941,992  
 ; CURRENT FILING DATE: 2001-08-28  
 ; PRIOR APPLICATION NUMBER: 60/049787  
 ; PRIOR FILING DATE: 1997-06-16  
 ; PRIOR APPLICATION NUMBER: 60/062250  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/065186  
 ; PRIOR FILING DATE: 1997-11-12  
 ; PRIOR APPLICATION NUMBER: 60/065311  
 ; PRIOR FILING DATE: 1997-11-13  
 ; PRIOR APPLICATION NUMBER: 60/066770  
 ; PRIOR FILING DATE: 1997-11-24  
 ; PRIOR APPLICATION NUMBER: 60/075945  
 ; PRIOR FILING DATE: 1998-02-25  
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 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/083322  
 ; PRIOR FILING DATE: 1998-04-28  
 ; PRIOR APPLICATION NUMBER: 60/084600  
 ; PRIOR FILING DATE: 1998-05-07  
 ; PRIOR APPLICATION NUMBER: 60/087106  
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 ; PRIOR FILING DATE: 1998-06-04  
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 ; PRIOR FILING DATE: 1998-06-04  
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 ; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088167  
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 ; PRIOR APPLICATION NUMBER: 60/088212  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/088217  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/088655  
 ; PRIOR FILING DATE: 1998-06-09  
 ; PRIOR APPLICATION NUMBER: 60/088734  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088738  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088742  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088910

;  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088824  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088826  
; PRIOR FILING DATE: 1998-06-10  
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; PRIOR APPLICATION NUMBER: 60/088861  
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; PRIOR APPLICATION NUMBER: 60/090542  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090557  
; PRIOR FILING DATE: 1998-06-24

;  
; PRIOR APPLICATION NUMBER: 60/090676  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090678  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090690  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090694  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
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; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090862  
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; PRIOR APPLICATION NUMBER: 60/090863  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091478  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091544  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
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; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091633  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCACACGCGGATCC 572  
Db 18 CCAAAGACGAGGACCC 2

RESULT 1442  
US-09-992-521-530/c  
; Sequence 530, Application US/09992521  
; Publication No. US20030083461A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin

;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE REFERENCE: P2730P106  
;; CURRENT APPLICATION NUMBER: US/09/992,521

;; TITLE OF INVENTION: Acids Encoding the Same  
;; CURRENT FILING DATE: 2001-11-14  
;; PRIOR APPLICATION NUMBER: 60/049787  
;; PRIOR FILING DATE: 1997-06-16  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/065186  
;; PRIOR FILING DATE: 1997-11-12  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066770  
;; PRIOR FILING DATE: 1997-11-24  
;; PRIOR APPLICATION NUMBER: 60/075945  
;; PRIOR FILING DATE: 1998-02-25  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/083322  
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;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/087106  
;; PRIOR FILING DATE: 1998-05-28  
;; PRIOR APPLICATION NUMBER: 60/087607  
;; PRIOR FILING DATE: 1998-06-02  
;; PRIOR APPLICATION NUMBER: 60/087609  
;; PRIOR FILING DATE: 1998-06-02  
;; PRIOR APPLICATION NUMBER: 60/087759  
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;; PRIOR APPLICATION NUMBER: 60/090694

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 PRIOR FILING DATE: 1998-07-02  
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 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/091982  
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 PRIOR APPLICATION NUMBER: 60/092182  
 PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 7.5e+02; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGGATCC 572  
 DB 18 CCAAGAGCAGGGACCC 2

# RESULT 1443

US-09-944-852-86/c  
 Sequence 86, Application US/09944852  
 Publication No. US20030083479A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin  
 APPLICANT: Borstein, David  
 APPLICANT: Baton, Dan  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gerritsen, Mary  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul  
 APPLICANT: Grimaldi, Christopher  
 APPLICANT: Gurney, Austin  
 APPLICANT: Hillan, Kenneth  
 APPLICANT: Kljavin, Ivar  
 APPLICANT: Napier, Mary  
 APPLICANT: Roy, Margaret  
 APPLICANT: Tamas, Daniel  
 APPLICANT: Wood, William

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P2548P1C1

CURRENT FILING DATE: 2001-08-31

CURRENT APPLICATION NUMBER: 09/866,028

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 120

SEQ ID NO 86

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-09-944-852-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Mismatches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGGATCC 572  
 DB 18 CCAAGAGCAGGGACCC 2

# RESULT 1444

US-09-997-333-530/c  
 Sequence 530, Application US/09997333  
 Publication No. US20030087304A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Grimaldi, J. Christopher  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Kljavin, Ivar J.  
 APPLICANT: Napier, Mary A.  
 APPLICANT: Pan, James  
 APPLICANT: Paoni, Nicholas F.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tamas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 FILE REFERENCE: P2730P1C27

CURRENT FILING DATE: 2001-11-15

CURRENT APPLICATION NUMBER: US/09/997,333

PRIOR FILING DATE: 1997-06-16

PRIOR APPLICATION NUMBER: 60/049787

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-11-12

PRIOR APPLICATION NUMBER: 60/065186

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-24

PRIOR APPLICATION NUMBER: 60/066770

PRIOR FILING DATE: 1998-02-25

PRIOR APPLICATION NUMBER: 60/075945

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078910

PRIOR FILING DATE: 1998-04-28

PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/084600

PRIOR FILING DATE: 1998-05-28

PRIOR APPLICATION NUMBER: 60/087106

PRIOR FILING DATE: 1998-06-02

PRIOR APPLICATION NUMBER: 60/087607

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PRIOR APPLICATION NUMBER: 60/087609

PRIOR FILING DATE: 1998-06-02

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PRIOR FILING DATE: 1998-06-02

PRIOR APPLICATION NUMBER: 60/087827

PRIOR FILING DATE: 1998-06-03

PRIOR APPLICATION NUMBER: 60/088021

1 PRIOR FILING DATE: 1998-06-04  
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4 PRIOR APPLICATION NUMBER: 60/088026  
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10 PRIOR APPLICATION NUMBER: 60/088030  
11 PRIOR FILING DATE: 1998-06-04  
12 PRIOR APPLICATION NUMBER: 60/088033  
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14 PRIOR APPLICATION NUMBER: 60/088326  
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16 PRIOR APPLICATION NUMBER: 60/088167  
17 PRIOR FILING DATE: 1998-06-05  
18 PRIOR APPLICATION NUMBER: 60/088202  
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26 PRIOR APPLICATION NUMBER: 60/088734  
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73 PRIOR FILING DATE: 1998-06-19

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27 PRIOR APPLICATION NUMBER: 60/090540  
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44 PRIOR FILING DATE: 1998-06-25  
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49 PRIOR APPLICATION NUMBER: 60/091360  
50 PRIOR FILING DATE: 1998-07-01  
51 PRIOR APPLICATION NUMBER: 60/091478  
52 PRIOR FILING DATE: 1998-07-02  
53 PRIOR APPLICATION NUMBER: 60/091544  
54 PRIOR FILING DATE: 1998-07-01  
55 PRIOR APPLICATION NUMBER: 60/091519  
56 PRIOR FILING DATE: 1998-07-02  
57 PRIOR APPLICATION NUMBER: 60/091626  
58 PRIOR FILING DATE: 1998-07-02  
59 PRIOR APPLICATION NUMBER: 60/091633  
60 PRIOR FILING DATE: 1998-07-02  
61 PRIOR APPLICATION NUMBER: 60/091978  
62 PRIOR FILING DATE: 1998-07-07  
63 PRIOR APPLICATION NUMBER: 60/091982  
64 PRIOR FILING DATE: 1998-07-07  
65 PRIOR APPLICATION NUMBER: 60/092182  
66 PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

556 CCCAACAGCAGGATCC 572

QY

Db 18 CCAAGAGCAGGACCC 2

RESULT 1445

US-09-997-384-530/C

/ Sequence 530, Application US/09997384

/ Publication No. US20030087305A1

/ GENERAL INFORMATION:

/ APPLICANT: Ashkenazi, Avi J.

/ APPLICANT: Baker, Kevin P.

/ APPLICANT: Botstein, David

/ APPLICANT: Desnoyers, Luc

/ APPLICANT: Eaton, Dan L.

/ APPLICANT: Ferrara, Napoleone

/ APPLICANT: Fong, Sherman

/ APPLICANT: Gerber, Hanspeter

/ APPLICANT: Gerritsen, Mary E.

/ APPLICANT: Goddard, Audrey

/ APPLICANT: Godowski, Paul J.

/ APPLICANT: Grimaldi, J. Christopher

/ APPLICANT: Gurney, Austin L.

/ APPLICANT: Kljavin, Ivar J.

/ APPLICANT: Napier, Mary A.

/ APPLICANT: Pan, James

/ APPLICANT: Paoni, Nicholas F.

/ APPLICANT: Roy, Margaret Ann

/ APPLICANT: Stewart, Timothy A.

/ APPLICANT: Tumas, Daniel

/ APPLICANT: Watanabe, Colin K.

/ APPLICANT: Williams, P. Mickey

/ APPLICANT: Wood, William I.

/ APPLICANT: Zhang, Zemin

/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

/ TITLE OF INVENTION: Acids Encoding the Same

/ FILE REFERENCE: P2730P1C35

/ CURRENT APPLICATION NUMBER: US/09/997,384

/ CURRENT FILING DATE: 2001-11-15

/ PRIOR APPLICATION NUMBER: 60/049787

/ PRIOR FILING DATE: 1997-06-16

/ PRIOR APPLICATION NUMBER: 60/062250

/ PRIOR FILING DATE: 1997-10-17

/ PRIOR APPLICATION NUMBER: 60/065186

/ PRIOR FILING DATE: 1997-11-12

/ PRIOR APPLICATION NUMBER: 60/065311

/ PRIOR FILING DATE: 1997-11-13

/ PRIOR APPLICATION NUMBER: 60/066770

/ PRIOR FILING DATE: 1997-11-24

/ PRIOR APPLICATION NUMBER: 60/075945

/ PRIOR FILING DATE: 1998-02-25

/ PRIOR APPLICATION NUMBER: 60/078910

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/ PRIOR FILING DATE: 1998-04-28

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/ PRIOR FILING DATE: 1998-06-03

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/ PRIOR APPLICATION NUMBER: 60/090252

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?	PRIOR FILING DATE: 1998-07-09	

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1  GENERAL INFORMATION:
2  APPLICANT: AGENVIX, INC.
3  TITLE OF INVENTION: TRANSGENIC ANIMALS FOR PRODUCING SPECIFIC ISOTYPES OF
4  TITLE OF INVENTION: HUMAN ANTIBODIES VIA NON-COGNATE SWITCH REGIONS
5  FILE REFERENCE: CELL 4.21 CIP PCT
6  CURRENT APPLICATION NUMBER: US/09/999,321
7  CURRENT FILING DATE: 2001-11-30
8  PRIOR APPLICATION NUMBER: 09/329,582
9  PRIOR FILING DATE: 1999-06-10
10 NUMBER OF SEQ ID NOS: 31
11 SOFTWARE: Patent In Ver. 2.1
12 SEQ ID NO 20
13 LENGTH: 18
14 TYPE: DNA
15 ORGANISM: Artificial Sequence
16 FEATURE:
17 OTHER INFORMATION: Description of Artificial Sequence: Primer
18 US-09-999-321-20

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RESULT 1447  
US-09-943-780-86/c  
; Sequence 86, Application US/09943780  
; Publication No. US20030096742A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin  
; APPLICANT: Botstein, David  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul  
; APPLICANT: Grimaldi, Christopher  
; APPLICANT: Gurney, Austin  
; APPLICANT: Hillan, Kenneth  
; APPLICANT: Kljavin, Ivar  
; APPLICANT: Napier, Mary  
; APPLICANT: Roy, Margaret  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Wood, William  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P2548P1C1  
; CURRENT APPLICATION NUMBER: US/09/943,780  
; CURRENT FILING DATE: 2001-09-26  
; PRIOR APPLICATION NUMBER: 09/866,028  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: 60/067,411  
; PRIOR FILING DATE: December 3, 1997  
; PRIOR APPLICATION NUMBER: 60/069,334  
; PRIOR FILING DATE: December 11, 1997  
; PRIOR APPLICATION NUMBER: 60/069335  
; PRIOR FILING DATE: December 11, 1997  
; PRIOR APPLICATION NUMBER: 60/069,278  
; PRIOR FILING DATE: December 11, 1997  
; PRIOR APPLICATION NUMBER: 60/069,425  
; PRIOR FILING DATE: December 12, 1997  
; PRIOR APPLICATION NUMBER: 60/069,696  
; PRIOR FILING DATE: December 16, 1997  
; PRIOR APPLICATION NUMBER: 60/069,694  
; PRIOR FILING DATE: December 16, 1997  
; PRIOR APPLICATION NUMBER: 60/069,702  
; PRIOR FILING DATE: December 16, 1997  
; PRIOR APPLICATION NUMBER: 60/069,870

RESULT 1446  
US-09-999-321-20  
; Sequence 20, Application US/09999321  
; Publication No. US20030093820A1



; PRIOR FILING DATE: December 17, 1997  
; PRIOR APPLICATION NUMBER: 60/069,873  
; PRIOR FILING DATE: December 17, 1997  
; PRIOR APPLICATION NUMBER: 60/068,017  
; PRIOR FILING DATE: December 18, 1997  
; PRIOR APPLICATION NUMBER: 60/070,440  
; PRIOR FILING DATE: January 5, 1998  
; PRIOR APPLICATION NUMBER: 60/074,086  
; PRIOR FILING DATE: February 9, 1998  
; PRIOR APPLICATION NUMBER: 60/074,092  
; PRIOR FILING DATE: February 9, 1998  
; PRIOR APPLICATION NUMBER: 60/075,945  
; PRIOR FILING DATE: February 25, 1998  
; PRIOR APPLICATION NUMBER: 60/112,850  
; PRIOR FILING DATE: December 16, 1998  
; PRIOR APPLICATION NUMBER: 60/113,296  
; PRIOR FILING DATE: December 22, 1998  
; PRIOR APPLICATION NUMBER: 60/146,222  
; PRIOR FILING DATE: July 28, 1999  
; PRIOR APPLICATION NUMBER: PCT/US98/19330  
; PRIOR FILING DATE: September 16, 1998  
; PRIOR APPLICATION NUMBER: PCT/US98/25108  
; PRIOR FILING DATE: December 1, 1998  
; PRIOR APPLICATION NUMBER: 09/216,021  
; PRIOR FILING DATE: December 16, 1998  
; PRIOR APPLICATION NUMBER: 09/218,517  
; PRIOR FILING DATE: December 22, 1998  
; PRIOR APPLICATION NUMBER: 09/254,311  
; PRIOR FILING DATE: March 3, 1999  
; PRIOR APPLICATION NUMBER: PCT/US99/12252  
; PRIOR FILING DATE: June 22, 1999  
; PRIOR APPLICATION NUMBER: PCT/US99/21090  
; PRIOR FILING DATE: September 15, 1999  
; PRIOR APPLICATION NUMBER: PCT/US99/28409  
; PRIOR FILING DATE: No. US2003096742A1ember 30, 1999  
; PRIOR APPLICATION NUMBER: PCT/US99/28313  
; PRIOR FILING DATE: No. US2003096742A1ember 30, 1999  
; PRIOR APPLICATION NUMBER: PCT/US99/28301  
; PRIOR FILING DATE: December 1, 1999  
; PRIOR APPLICATION NUMBER: PCT/US99/30095  
; PRIOR FILING DATE: December 16, 1999  
; PRIOR APPLICATION NUMBER: PCT/US00/03565  
; PRIOR FILING DATE: February 11, 2000  
; PRIOR APPLICATION NUMBER: PCT/US00/04414  
; PRIOR FILING DATE: February 22, 2000  
; PRIOR APPLICATION NUMBER: PCT/US00/05941  
; PRIOR FILING DATE: March 2, 2000  
; PRIOR APPLICATION NUMBER: PCT/US00/08439  
; PRIOR FILING DATE: March 30, 2000  
; PRIOR APPLICATION NUMBER: PCT/US00/14042  
; PRIOR FILING DATE: May 22, 2000  
; PRIOR APPLICATION NUMBER: PCT/US00/20710  
; PRIOR FILING DATE: July 28, 2000  
; PRIOR APPLICATION NUMBER: PCT/US00/32678  
; PRIOR FILING DATE: December 1, 2000  
; PRIOR APPLICATION NUMBER: PCT/US01/06520  
; PRIOR FILING DATE: February 28, 2001  
; NUMBER OF SEQ ID NOS: 120  
; SEQ ID NO 86  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-943-780-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
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Db 18 CCAAGAGCAGGACCC 2

RESULT 1448  
US-09-998-041-530/c  
; Sequence 530, Application US/09998041  
; Publication No. US20030119001A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
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; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2730PIC34  
; CURRENT APPLICATION NUMBER: US/09/998,041  
; CURRENT FILING DATE: 2001-11-15  
; PRIOR APPLICATION NUMBER: 60/049787  
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 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred No. 7, 5e+02;  
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QY 556 CCCAACAGCAGGATCC 572  
 Db 18 CCAAGAGCAGGACCC 2

RESULT 1449  
 US-09-997-585-530/c  
 ; Sequence 530, Application US/0997585  
 ; Publication No. US20030119055A1  
 ; GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
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APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Knapier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C41  
CURRENT APPLICATION NUMBER: US/09/997,585  
CURRENT FILING DATE: 2001-11-15  
PRIOR APPLICATION NUMBER: 60/049787  
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 PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACGACGAGGATCC 572  
 Db 18 CCAAGAGCAGGAGCCC 2  
 RESULT 1450  
 US-09-997-614-530/c  
 Sequence 530, Application US/09997614  
 Publication No. US20030124531A1  
 GENERAL INFORMATION:  
 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
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APPLICANT: Gerber, Hanspeter  
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 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 TITLE OF INVENTION: Acids Encoding the Same  
 FILE REFERENCE: P2730PIC29  
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 CURRENT FILING DATE: 2001-11-15  
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; PRIOR APPLICATION NUMBER: 60/092182  
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; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.Se-02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCACAGCAGGATCC 572  
DB 18 CCACAGCAGGATCC 2

RESULT 1451  
US-09-989-862-530/c  
; Sequence 530, Application US/09989862  
; Publication No. US20030130182A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.

APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730FIC58  
CURRENT APPLICATION NUMBER: US/09/989,862  
CURRENT FILING DATE: 2001-11-19  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066770  
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PRIOR APPLICATION NUMBER: 60/075945  
PRIOR FILING DATE: 1998-02-25  
PRIOR APPLICATION NUMBER: 60/078910  
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PRIOR APPLICATION NUMBER: 60/083322  
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PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090542

APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C33  
CURRENT FILING DATE: 2001-11-15  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-15  
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Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCAACGACGGGATCC 572  
Db 18 CCAAAGACGAGGGACCC 2

RESULT 1452  
US-09-997-529-530/c  
Sequence 530, Application US/09997529  
Publication No. US20030134284A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.

/ PRIOR FILING DATE: 1998-06-10  
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 / PRIOR APPLICATION NUMBER: 60/091978  
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 / PRIOR FILING DATE: 1998-07-07  
 / PRIOR APPLICATION NUMBER: 60/092182  
 / PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7, 5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 556 CCCAACAGCAGGGATCC 572  
 DB 18 CCNAGAGCAGGGACCC 2

RESULT 1453

US-09-989-725-530/c  
 / Sequence 530, Application US/0989725  
 / Publication No. US20030139329A1  
 / GENERAL INFORMATION:  
 / APPLICANT: Ashkenazi, Avi J.  
 / APPLICANT: Baker, Kevin P.  
 / APPLICANT: Botstein, David  
 / APPLICANT: Desnoyers, Luc  
 / APPLICANT: Eaton, Dan L.  
 / APPLICANT: Ferrara, Napoleone  
 / APPLICANT: Fong, Sherman  
 / APPLICANT: Gerber, Hanspeter  
 / APPLICANT: Gerritsen, Mary E.  
 / APPLICANT: Goddard, Audrey  
 / APPLICANT: Godowski, Paul J.  
 / APPLICANT: Grimaldi, J. Christopher  
 / APPLICANT: Gurney, Austin L.  
 / APPLICANT: Kljavin, Ivar J.  
 / APPLICANT: Napier, Mary A.  
 / APPLICANT: Pan, James  
 / APPLICANT: Paoni, Nicholas F.  
 / APPLICANT: Roy, Margaret Ann  
 / APPLICANT: Stewart, Timothy A.  
 / APPLICANT: Tamas, Daniel  
 / APPLICANT: Watanabe, Colin K.  
 / APPLICANT: Williams, P. Mickey  
 / APPLICANT: Wood, William I.  
 / APPLICANT: Zhang, Zemin  
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 / TITLE OF INVENTION: Acids Encoding the Same  
 / FILE REFERENCE: P2730P1C71  
 / CURRENT APPLICATION NUMBER: US/09/989,725



1 CURRENT FILING DATE: 2001-11-20  
2 PRIOR APPLICATION NUMBER: 60/049787  
3 PRIOR FILING DATE: 1997-06-16  
4 PRIOR APPLICATION NUMBER: 60/062250  
5 PRIOR FILING DATE: 1997-10-17  
6 PRIOR APPLICATION NUMBER: 60/065186  
7 PRIOR FILING DATE: 1997-11-12  
8 PRIOR APPLICATION NUMBER: 60/065311  
9 PRIOR FILING DATE: 1997-11-13  
10 PRIOR APPLICATION NUMBER: 60/066770  
11 PRIOR FILING DATE: 1997-11-24  
12 PRIOR APPLICATION NUMBER: 60/075945  
13 PRIOR FILING DATE: 1998-02-25  
14 PRIOR APPLICATION NUMBER: 60/078910  
15 PRIOR FILING DATE: 1998-03-20  
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24 PRIOR APPLICATION NUMBER: 60/087609  
25 PRIOR FILING DATE: 1998-06-02  
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41 PRIOR FILING DATE: 1998-06-04  
42 PRIOR APPLICATION NUMBER: 60/088033  
43 PRIOR FILING DATE: 1998-06-04  
44 PRIOR APPLICATION NUMBER: 60/088326  
45 PRIOR FILING DATE: 1998-06-04  
46 PRIOR APPLICATION NUMBER: 60/088167  
47 PRIOR FILING DATE: 1998-06-05  
48 PRIOR APPLICATION NUMBER: 60/088202  
49 PRIOR FILING DATE: 1998-06-05  
50 PRIOR APPLICATION NUMBER: 60/088212  
51 PRIOR FILING DATE: 1998-06-05  
52 PRIOR APPLICATION NUMBER: 60/088217  
53 PRIOR FILING DATE: 1998-06-05  
54 PRIOR APPLICATION NUMBER: 60/088655  
55 PRIOR FILING DATE: 1998-06-09  
56 PRIOR APPLICATION NUMBER: 60/088734  
57 PRIOR FILING DATE: 1998-06-10  
58 PRIOR APPLICATION NUMBER: 60/088738  
59 PRIOR FILING DATE: 1998-06-10  
60 PRIOR APPLICATION NUMBER: 60/088742  
61 PRIOR FILING DATE: 1998-06-10  
62 PRIOR APPLICATION NUMBER: 60/088810  
63 PRIOR FILING DATE: 1998-06-10  
64 PRIOR APPLICATION NUMBER: 60/088824  
65 PRIOR FILING DATE: 1998-06-10  
66 PRIOR APPLICATION NUMBER: 60/088826  
67 PRIOR FILING DATE: 1998-06-10  
68 PRIOR APPLICATION NUMBER: 60/088858  
69 PRIOR FILING DATE: 1998-06-11  
70 PRIOR APPLICATION NUMBER: 60/088861  
71 PRIOR FILING DATE: 1998-06-11  
72 PRIOR APPLICATION NUMBER: 60/088876  
73 PRIOR FILING DATE: 1998-06-11  
74 PRIOR APPLICATION NUMBER: 60/089105  
75 PRIOR FILING DATE: 1998-06-12  
76 PRIOR APPLICATION NUMBER: 60/089440  
77 PRIOR FILING DATE: 1998-06-16  
78 PRIOR APPLICATION NUMBER: 60/089512  
79 PRIOR FILING DATE: 1998-06-16  
80 PRIOR APPLICATION NUMBER: 60/089514  
81 PRIOR FILING DATE: 1998-06-16  
82 PRIOR APPLICATION NUMBER: 60/089532  
83 PRIOR FILING DATE: 1998-06-17  
84 PRIOR APPLICATION NUMBER: 60/089538  
85 PRIOR FILING DATE: 1998-06-17  
86 PRIOR APPLICATION NUMBER: 60/089598  
87 PRIOR FILING DATE: 1998-06-17  
88 PRIOR APPLICATION NUMBER: 60/089599  
89 PRIOR FILING DATE: 1998-06-17  
90 PRIOR APPLICATION NUMBER: 60/089600  
91 PRIOR FILING DATE: 1998-06-17  
92 PRIOR APPLICATION NUMBER: 60/089653  
93 PRIOR FILING DATE: 1998-06-17  
94 PRIOR APPLICATION NUMBER: 60/089801  
95 PRIOR FILING DATE: 1998-06-18  
96 PRIOR APPLICATION NUMBER: 60/089907  
97 PRIOR FILING DATE: 1998-06-18  
98 PRIOR APPLICATION NUMBER: 60/089908  
99 PRIOR FILING DATE: 1998-06-18  
100 PRIOR APPLICATION NUMBER: 60/089947  
101 PRIOR FILING DATE: 1998-06-19  
102 PRIOR APPLICATION NUMBER: 60/089948  
103 PRIOR FILING DATE: 1998-06-19  
104 PRIOR APPLICATION NUMBER: 60/089952  
105 PRIOR FILING DATE: 1998-06-19  
106 PRIOR APPLICATION NUMBER: 60/090246  
107 PRIOR FILING DATE: 1998-06-22  
108 PRIOR APPLICATION NUMBER: 60/090252  
109 PRIOR FILING DATE: 1998-06-22  
110 PRIOR APPLICATION NUMBER: 60/090254  
111 PRIOR FILING DATE: 1998-06-22  
112 PRIOR APPLICATION NUMBER: 60/090349  
113 PRIOR FILING DATE: 1998-06-23  
114 PRIOR APPLICATION NUMBER: 60/090355  
115 PRIOR FILING DATE: 1998-06-23  
116 PRIOR APPLICATION NUMBER: 60/090429  
117 PRIOR FILING DATE: 1998-06-24  
118 PRIOR APPLICATION NUMBER: 60/090431  
119 PRIOR FILING DATE: 1998-06-24  
120 PRIOR APPLICATION NUMBER: 60/090435  
121 PRIOR FILING DATE: 1998-06-24  
122 PRIOR APPLICATION NUMBER: 60/090444  
123 PRIOR FILING DATE: 1998-06-24  
124 PRIOR APPLICATION NUMBER: 60/090445  
125 PRIOR FILING DATE: 1998-06-24  
126 PRIOR APPLICATION NUMBER: 60/090472  
127 PRIOR FILING DATE: 1998-06-24  
128 PRIOR APPLICATION NUMBER: 60/090535  
129 PRIOR FILING DATE: 1998-06-24  
130 PRIOR APPLICATION NUMBER: 60/090540  
131 PRIOR FILING DATE: 1998-06-24  
132 PRIOR APPLICATION NUMBER: 60/090542  
133 PRIOR FILING DATE: 1998-06-24  
134 PRIOR APPLICATION NUMBER: 60/090557  
135 PRIOR FILING DATE: 1998-06-24  
136 PRIOR APPLICATION NUMBER: 60/090676  
137 PRIOR FILING DATE: 1998-06-25  
138 PRIOR APPLICATION NUMBER: 60/090678  
139 PRIOR FILING DATE: 1998-06-25  
140 PRIOR APPLICATION NUMBER: 60/090690  
141 PRIOR FILING DATE: 1998-06-25  
142 PRIOR APPLICATION NUMBER: 60/090694  
143 PRIOR FILING DATE: 1998-06-25  
144 PRIOR APPLICATION NUMBER: 60/090695  
145 PRIOR FILING DATE: 1998-06-25  
146 PRIOR APPLICATION NUMBER: 60/090696

PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090862  
 PRIOR FILING DATE: 1998-06-26  
 PRIOR APPLICATION NUMBER: 60/090863  
 PRIOR FILING DATE: 1998-06-26  
 PRIOR APPLICATION NUMBER: 60/091360  
 PRIOR FILING DATE: 1998-07-01  
 PRIOR APPLICATION NUMBER: 60/091478  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091544  
 PRIOR FILING DATE: 1998-07-01  
 PRIOR APPLICATION NUMBER: 60/091519  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091626  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091633  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091978  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/091982  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/092182  
 PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 556 CCCAACAGCAGGATCC 572  
 Db 18 CCAGAGCAGGACCC 2

RESULT 1454  
 US-09-945-584-86/c  
 Sequence 86, Application US/09945584  
 Publication No. US20030211570A1  
 GENERAL INFORMATION:  
 APPLICANT: Baker, Kevin  
 APPLICANT: Botstein, David  
 APPLICANT: Eaton, Dan  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gerritsen, Mary  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul  
 APPLICANT: Grimaldi, Christopher  
 APPLICANT: Gurney, Austin  
 APPLICANT: Hillan, Kenneth  
 APPLICANT: Kljavin, Ivar  
 APPLICANT: Napier, Mary  
 APPLICANT: Roy, Margaret  
 APPLICANT: Tamas, Daniel  
 APPLICANT: Wood, William  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 TITLE OF INVENTION: ACIDS ENCODING THE SAME  
 FILE REFERENCE: P2548P1C1  
 CURRENT APPLICATION NUMBER: US/09/945,584  
 CURRENT FILING DATE: 2001-09-26  
 PRIOR APPLICATION NUMBER: 09/866,028  
 PRIOR FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: 60/067,411  
 PRIOR FILING DATE: December 3, 1997  
 PRIOR APPLICATION NUMBER: 60/069,334  
 PRIOR FILING DATE: December 11, 1997  
 PRIOR APPLICATION NUMBER: 60/069,335  
 PRIOR FILING DATE: December 11, 1997  
 PRIOR APPLICATION NUMBER: 60/069,278  
 PRIOR FILING DATE: December 11, 1997  
 PRIOR APPLICATION NUMBER: 60/069,425  
 PRIOR FILING DATE: December 12, 1997  
 PRIOR APPLICATION NUMBER: 60/069,696  
 PRIOR FILING DATE: December 16, 1997

PRIOR APPLICATION NUMBER: 60/069,694  
 PRIOR FILING DATE: December 16, 1997  
 PRIOR APPLICATION NUMBER: 60/069,702  
 PRIOR FILING DATE: December 16, 1997  
 PRIOR APPLICATION NUMBER: 60/069,870  
 PRIOR FILING DATE: December 17, 1997  
 PRIOR APPLICATION NUMBER: 60/069,873  
 PRIOR FILING DATE: December 17, 1997  
 PRIOR APPLICATION NUMBER: 60/068,017  
 PRIOR FILING DATE: December 18, 1997  
 PRIOR APPLICATION NUMBER: 60/070,440  
 PRIOR FILING DATE: January 5, 1998  
 PRIOR APPLICATION NUMBER: 60/074,086  
 PRIOR FILING DATE: February 9, 1998  
 PRIOR APPLICATION NUMBER: 60/074,092  
 PRIOR FILING DATE: February 9, 1998  
 PRIOR APPLICATION NUMBER: 60/075,945  
 PRIOR FILING DATE: February 25, 1998  
 PRIOR APPLICATION NUMBER: 60/112,850  
 PRIOR FILING DATE: December 16, 1998  
 PRIOR APPLICATION NUMBER: 60/113,296  
 PRIOR FILING DATE: December 22, 1998  
 PRIOR APPLICATION NUMBER: 60/146,222  
 PRIOR FILING DATE: July 28, 1999  
 PRIOR APPLICATION NUMBER: PCT/US98/19330  
 PRIOR FILING DATE: September 16, 1998  
 PRIOR APPLICATION NUMBER: PCT/US98/25108  
 PRIOR FILING DATE: December 1, 1998  
 PRIOR APPLICATION NUMBER: 09/216,021  
 PRIOR FILING DATE: December 16, 1998  
 PRIOR APPLICATION NUMBER: 09/218,517  
 PRIOR FILING DATE: December 22, 1998  
 PRIOR APPLICATION NUMBER: 09/254,311  
 PRIOR FILING DATE: March 3, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/12252  
 PRIOR FILING DATE: June 22, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/21090  
 PRIOR FILING DATE: September 15, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/28409  
 PRIOR FILING DATE: No. US20030211570A1, September 30, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/28313  
 PRIOR FILING DATE: No. US20030211570A1, September 30, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/28301  
 PRIOR FILING DATE: December 1, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/30095  
 PRIOR FILING DATE: December 16, 1999  
 PRIOR APPLICATION NUMBER: PCT/US00/03565  
 PRIOR FILING DATE: February 11, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/04414  
 PRIOR FILING DATE: February 22, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/05841  
 PRIOR FILING DATE: March 2, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/08439  
 PRIOR FILING DATE: March 30, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/14042  
 PRIOR FILING DATE: May 22, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/20710  
 PRIOR FILING DATE: July 28, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/32678  
 PRIOR FILING DATE: December 1, 2000  
 PRIOR APPLICATION NUMBER: PCT/US01/06520  
 PRIOR FILING DATE: February 28, 2001  
 NUMBER OF SEQ ID NOS: 120  
 SEQ ID NO 86  
 LENGTH: 18  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-09-945-584-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCAACAGCAGGATCC 572  
||| |||||  
Db 18 CCAAGAGCAGGACCC 2

RESULT 1455  
US-09-989-733-530/c  
; Sequence 530, Application US/09989733  
; Publication No. US20030228655A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2730P1C68  
; CURRENT APPLICATION NUMBER: US/09/989,733  
; CURRENT FILING DATE: 2001-11-01  
; PRIOR APPLICATION NUMBER: 60/049787  
; PRIOR FILING DATE: 1997-06-16  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/065186  
; PRIOR FILING DATE: 1997-11-12  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066770  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/075945  
; PRIOR FILING DATE: 1998-02-25  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28  
; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/087106  
; PRIOR FILING DATE: 1998-05-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 532  
; SEQ ID NO 530  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-989-733-530

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCAACAGCAGGATCC 572  
||| |||||  
Db 18 CCAAGAGCAGGACCC 2

RESULT 1456  
US-09-992-643-530/c  
; Sequence 530, Application US/09992643  
; Publication No. US20030228656A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2730P1C13  
; CURRENT APPLICATION NUMBER: US/09/992,643  
; CURRENT FILING DATE: 2001-11-01  
; PRIOR APPLICATION NUMBER: 60/049787  
; PRIOR FILING DATE: 1997-06-16  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/065186  
; PRIOR FILING DATE: 1997-11-12  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066770  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/075945  
; PRIOR FILING DATE: 1998-02-25  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28  
; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/087106  
; PRIOR FILING DATE: 1998-05-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 532  
; SEQ ID NO 530  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-992-643-530

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCACAGAGCGGATCC 572  
 |||||  
 Db 18 CCACAGAGCGGATCC 2

RESULT 1457  
 US-09-927-876-58/C  
 ; Sequence 58, Application US/09927876  
 ; Publication No. US2004000554A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: El Tavar, Nabil  
 ; APPLICANT: Campbell, Robert K  
 ; APPLICANT: Kelton, Christie A  
 ; APPLICANT: He, Chaomei  
 ; TITLE OF INVENTION: No. US2004000554A1el Glycoproteins and Methods of Use Thereof  
 ; FILE REFERENCE: 20993-003  
 ; CURRENT APPLICATION NUMBER: US/09/927,876  
 ; CURRENT FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: 60/225,035  
 ; PRIOR FILING DATE: 2000-08-11  
 ; PRIOR APPLICATION NUMBER: 60/202,724  
 ; PRIOR FILING DATE: 2000-05-08  
 ; NUMBER OF SEQ ID NOS: 107  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 58  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer  
 ; OTHER INFORMATION: Sequence  
 US-09-927-876-58

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 225 GAAGTACGCGCGTGC 241  
 |||||  
 Db 18 GAAGTACGCGCGTGC 2

RESULT 1458  
 US-09-930-512-112  
 ; Sequence 112, Application US/09930512  
 ; Publication No. US20040010118A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Zethusen, Bryan D  
 ; APPLICANT: Padigaru, Muralidhara  
 ; APPLICANT: Spytek, Kimberly  
 ; APPLICANT: Spaderna, Steven  
 ; APPLICANT: Gangolli, Esha A  
 ; APPLICANT: Rastelli, Luca  
 ; APPLICANT: Burgess, Catherine E  
 ; APPLICANT: Majumder, Kumud  
 ; APPLICANT: Shinkets, Richard  
 ; APPLICANT: Mishra, Vishnu  
 ; APPLICANT: Vernet, Corine  
 ; APPLICANT: Szekeres, Edward S  
 ; APPLICANT: Grosse, William M  
 ; APPLICANT: Alsbrook II, John P  
 ; APPLICANT: Liu, Xiaohong  
 ; APPLICANT: Gerlach, Valerie L  
 ; APPLICANT: Ellerman, Karen  
 ; APPLICANT: Smithson, Glenna  
 ; APPLICANT: Peyman, John  
 ; APPLICANT: Stone, David  
 ; APPLICANT: MacDougall, John  
 ; TITLE OF INVENTION: No. US20040010118A1el Proteins and Nucleic Acids Encoding Same  
 ; FILE REFERENCE: 21402-091  
 ; CURRENT APPLICATION NUMBER: US/09/930,512

; CURRENT FILING DATE: 2001-08-15  
 ; PRIOR APPLICATION NUMBER: 60/225,692  
 ; PRIOR FILING DATE: 2000-08-16  
 ; PRIOR APPLICATION NUMBER: 60/225,837  
 ; PRIOR FILING DATE: 2000-08-16  
 ; PRIOR APPLICATION NUMBER: 60/225,693  
 ; PRIOR FILING DATE: 2000-08-16  
 ; PRIOR APPLICATION NUMBER: 60/226,236  
 ; PRIOR FILING DATE: 2000-08-18  
 ; PRIOR APPLICATION NUMBER: 60/226,353  
 ; PRIOR FILING DATE: 2000-08-18  
 ; PRIOR APPLICATION NUMBER: 60/227,085  
 ; PRIOR FILING DATE: 2000-08-22  
 ; PRIOR APPLICATION NUMBER: 60/227,395  
 ; PRIOR FILING DATE: 2000-08-23  
 ; PRIOR APPLICATION NUMBER: 60/227,492  
 ; PRIOR FILING DATE: 2000-08-24  
 ; PRIOR APPLICATION NUMBER: 60/227,600  
 ; PRIOR FILING DATE: 2000-08-24  
 ; PRIOR APPLICATION NUMBER: 60/275,952  
 ; PRIOR FILING DATE: 2001-03-14  
 ; NUMBER OF SEQ ID NOS: 115  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 112  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Ag192 PCR  
 ; OTHER INFORMATION: Primer Sequence  
 US-09-930-512-112

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 449 AGATGCTTCCAGGAAG 465  
 |||||  
 Db 1 AGATGCTTCCAGGAAG 17

RESULT 1459  
 US-09-943-944E-62  
 ; Sequence 62, Application US/09943944E  
 ; Publication No. US20040014036A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ptashne, et al.,  
 ; TITLE OF INVENTION: Transcriptional Activation System, Activators, and Uses  
 ; TITLE OF INVENTION: Therefor  
 ; FILE REFERENCE: 0342941-0065  
 ; CURRENT APPLICATION NUMBER: US/09/943,944E  
 ; CURRENT FILING DATE: 2001-08-31  
 ; NUMBER OF SEQ ID NOS: 238  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 62  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Random  
 ; OTHER INFORMATION: nucleotide sequences.  
 US-09-943-944E-62

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 839 TACGAGACACAGCCCC 855  
 |||||  
 Db 1 TTCTAGACACACCCCC 17

RESULT 1460

US-10-457-047-58/c  
 ; Sequence 58, Application US/10457047  
 ; Publication No. US20040072214A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: El Teyar, Nabil  
 ; APPLICANT: Campbell, Robert K  
 ; APPLICANT: Kelton, Christie A  
 ; APPLICANT: He, Chaomei  
 ; TITLE OF INVENTION: Novel Glycoproteins and Methods of Use Thereof  
 ; FILE REFERENCE: 20993-003  
 ; CURRENT APPLICATION NUMBER: US/10/457,047  
 ; CURRENT FILING DATE: 2003-06-05  
 ; PRIOR APPLICATION NUMBER: US/10/360,149  
 ; PRIOR FILING DATE: 2003-02-06  
 ; PRIOR APPLICATION NUMBER: US/09/927,876  
 ; PRIOR FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: 60/225,035  
 ; PRIOR FILING DATE: 2000-08-11  
 ; PRIOR APPLICATION NUMBER: 60/202,724  
 ; PRIOR FILING DATE: 2000-05-08  
 ; NUMBER OF SEQ ID NOS: 107  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 58  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer  
 ; OTHER INFORMATION: Sequence  
 US-10-457-047-58

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 225 GAAGTACGCGCGCTGGC 241  
 |||||  
 Db 18 GAAGTACGCGCGCAAGC 2

## RESULT 1461

US-09-943-664-86/c  
 ; Sequence 86, Application US/09943664  
 ; Publication No. US20040091972A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul  
 ; APPLICANT: Grimaldi, Christopher  
 ; APPLICANT: Gurney, Austin  
 ; APPLICANT: Hillan, Kenneth  
 ; APPLICANT: Kljavin, Ivar  
 ; APPLICANT: Napier, Mary  
 ; APPLICANT: Roy, Margaret  
 ; APPLICANT: Tomas, Daniel  
 ; APPLICANT: Wood, William  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P2548P1C1  
 ; CURRENT APPLICATION NUMBER: US/09/943,664  
 ; CURRENT FILING DATE: 2001-09-26  
 ; PRIOR APPLICATION NUMBER: 09/866,028  
 ; PRIOR FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: 60/067,411  
 ; PRIOR FILING DATE: December 3, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,334  
 ; PRIOR FILING DATE: December 11, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069335

; PRIOR FILING DATE: December 11, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,278  
 ; PRIOR FILING DATE: December 11, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,425  
 ; PRIOR FILING DATE: December 12, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,696  
 ; PRIOR FILING DATE: December 16, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,694  
 ; PRIOR FILING DATE: December 16, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,702  
 ; PRIOR FILING DATE: December 16, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,870  
 ; PRIOR FILING DATE: December 17, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,873  
 ; PRIOR FILING DATE: December 17, 1997  
 ; PRIOR APPLICATION NUMBER: 60/068,017  
 ; PRIOR FILING DATE: December 18, 1997  
 ; PRIOR APPLICATION NUMBER: 60/070,440  
 ; PRIOR FILING DATE: January 5, 1998  
 ; PRIOR APPLICATION NUMBER: 60/074,086  
 ; PRIOR FILING DATE: February 9, 1998  
 ; PRIOR APPLICATION NUMBER: 60/074,092  
 ; PRIOR FILING DATE: February 9, 1998  
 ; PRIOR APPLICATION NUMBER: 60/075,945  
 ; PRIOR FILING DATE: February 25, 1998  
 ; PRIOR APPLICATION NUMBER: 60/112,850  
 ; PRIOR FILING DATE: December 16, 1998  
 ; PRIOR APPLICATION NUMBER: 60/113,296  
 ; PRIOR FILING DATE: December 22, 1998  
 ; PRIOR APPLICATION NUMBER: 60/146,222  
 ; PRIOR FILING DATE: July 28, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330  
 ; PRIOR FILING DATE: September 16, 1998  
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108  
 ; PRIOR FILING DATE: December 1, 1998  
 ; PRIOR APPLICATION NUMBER: 09/216,021  
 ; PRIOR FILING DATE: December 16, 1998  
 ; PRIOR APPLICATION NUMBER: 09/218,517  
 ; PRIOR FILING DATE: December 22, 1998  
 ; PRIOR APPLICATION NUMBER: 09/254,311  
 ; PRIOR FILING DATE: March 3, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252  
 ; PRIOR FILING DATE: June 22, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090  
 ; PRIOR FILING DATE: September 15, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409  
 ; PRIOR FILING DATE: November 30, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313  
 ; PRIOR FILING DATE: November 30, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28301  
 ; PRIOR FILING DATE: December 1, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095  
 ; PRIOR FILING DATE: December 16, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US00/03565  
 ; PRIOR FILING DATE: February 11, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414  
 ; PRIOR FILING DATE: February 22, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/05841  
 ; PRIOR FILING DATE: March 2, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439  
 ; PRIOR FILING DATE: March 30, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/14042  
 ; PRIOR FILING DATE: May 22, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/20710  
 ; PRIOR FILING DATE: July 28, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678  
 ; PRIOR FILING DATE: December 1, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520  
 ; PRIOR FILING DATE: February 28, 2001  
 ; NUMBER OF SEQ ID NOS: 120  
 ; SEQ ID NO 86  
 ; LENGTH: 18  
 ; TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-943-664-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACACGAGGATCC 572  
DB 18 CCAAGACGAGGACCC 2

RESULT 1462  
US-10-333-429-317  
Sequence 317, Application US/10333429  
Publication No. US20040048265A1  
GENERAL INFORMATION:  
APPLICANT: GENSET  
TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps  
FILE REFERENCE: G-083US02PCT  
CURRENT APPLICATION NUMBER: US/10/333,429  
CURRENT FILING DATE: 2003-01-17  
PRIOR APPLICATION NUMBER: PCT/IB01/01477  
PRIOR FILING DATE: 2001-06-28  
PRIOR APPLICATION NUMBER: US 60/219,704  
PRIOR FILING DATE: 2000-07-18  
NUMBER OF SEQ ID NOS: 579  
SOFTWARE: Patent.pm  
SEQ ID NO 317  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-26370 for SEQ 146,  
US-10-333-429-317

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 187 GTGCCCGGTCAGTTTC 203  
DB 2 GTTCGGTGCAGTTTC 18

RESULT 1463  
US-10-307-817-436  
Sequence 436, Application US/10307817  
Publication No. US20040058338A1  
GENERAL INFORMATION:  
APPLICANT: Agee et al.  
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME  
FILE REFERENCE: 21402-502C  
CURRENT APPLICATION NUMBER: US/10/307,817  
CURRENT FILING DATE: 2002-12-02  
NUMBER OF SEQ ID NOS: 682  
SOFTWARE: Curaseqlist version 0.1  
SEQ ID NO 436  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-307-817-436

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 215 GCCCTCTCCAGAGTGA 231  
DB 2 GCCCTCTTCAAAGGTGA 18

RESULT 1464  
US-10-677-471-86/c  
Sequence 86, Application US/10677471  
Publication No. US20040063638A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin  
APPLICANT: Botstein, David  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul  
APPLICANT: Grimaldi, Christopher  
APPLICANT: Gurney, Austin  
APPLICANT: Hillan, Kenneth  
APPLICANT: Kljavin, Ivar  
APPLICANT: Napier, Mary  
APPLICANT: Roy, Margaret  
APPLICANT: Tunas, Daniel  
APPLICANT: Wood, William  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME  
FILE REFERENCE: P2548P1C1  
CURRENT APPLICATION NUMBER: US/10/677,471  
CURRENT FILING DATE: 2003-10-02  
PRIOR APPLICATION NUMBER: US/09/866,028  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: 60/067,411  
PRIOR FILING DATE: December 3, 1997  
PRIOR APPLICATION NUMBER: 60/069,334  
PRIOR FILING DATE: December 11, 1997  
PRIOR APPLICATION NUMBER: 60/069,335  
PRIOR FILING DATE: December 11, 1997  
PRIOR APPLICATION NUMBER: 60/069,278  
PRIOR FILING DATE: December 11, 1997  
PRIOR APPLICATION NUMBER: 60/069,425  
PRIOR FILING DATE: December 12, 1997  
PRIOR APPLICATION NUMBER: 60/069,696  
PRIOR FILING DATE: December 16, 1997  
PRIOR APPLICATION NUMBER: 60/069,694  
PRIOR FILING DATE: December 16, 1997  
PRIOR APPLICATION NUMBER: 60/069,702  
PRIOR FILING DATE: December 16, 1997  
PRIOR APPLICATION NUMBER: 60/069,870  
PRIOR FILING DATE: December 17, 1997  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 120  
SEQ ID NO 86  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-677-471-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACACGAGGATCC 572  
DB 18 CCAAGACGAGGACCC 2

RESULT 1465  
US-10-677-669-86/c  
Sequence 86, Application US/10677669

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; Publication No. US20040063909A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Flvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/10/677,669
; CURRENT FILING DATE: 2003-10-01
; PRIOR APPLICATION NUMBER: US/09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,596
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,594
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 86
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-677-669-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGGATCC 572
Db 18 CCAAGAGCAGGGACCC 2

RESULT 1466
US-09-802-207-19
; Sequence 19, Application US/09802207
; Publication No. US2002008624A1
; GENERAL INFORMATION:
; APPLICANT: Warman, Matthew
; APPLICANT: Carpten, John
; APPLICANT: Trent, Jeffrey
; APPLICANT: Marcelino, Jose
; TITLE OF INVENTION: Novel Methods and Reagents for the Treatment of Osteoarthritis
; FILE REFERENCE: Case-06212
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; CURRENT APPLICATION NUMBER: US/09/802,207
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 09/619,175
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,328
; PRIOR FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-802-207-19

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 796 TCGAGGACTGACTGAC 812
Db 2 TGGAGGACTAACTGGAC 18

RESULT 1467
US-09-989-724-530/c
; Sequence 530, Application US/09989724
; Publication No. US20030017476A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Forg, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C67
; CURRENT APPLICATION NUMBER: US/09/989,724
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
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1 PRIOR APPLICATION NUMBER: 60/083322  
2 PRIOR FILING DATE: 1998-04-28  
3 PRIOR APPLICATION NUMBER: 60/084600  
4 PRIOR FILING DATE: 1998-05-07  
5 PRIOR APPLICATION NUMBER: 60/087106  
6 PRIOR FILING DATE: 1998-05-28  
7 PRIOR APPLICATION NUMBER: 60/087607  
8 PRIOR FILING DATE: 1998-06-02  
9 PRIOR APPLICATION NUMBER: 60/087609  
10 PRIOR FILING DATE: 1998-06-02  
11 PRIOR APPLICATION NUMBER: 60/087759  
12 PRIOR FILING DATE: 1998-06-02  
13 PRIOR APPLICATION NUMBER: 60/087827  
14 PRIOR FILING DATE: 1998-06-03  
15 PRIOR APPLICATION NUMBER: 60/088021  
16 PRIOR FILING DATE: 1998-06-04  
17 PRIOR APPLICATION NUMBER: 60/088025  
18 PRIOR FILING DATE: 1998-06-04  
19 PRIOR APPLICATION NUMBER: 60/088026  
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24 PRIOR FILING DATE: 1998-06-04  
25 PRIOR APPLICATION NUMBER: 60/088030  
26 PRIOR FILING DATE: 1998-06-04  
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28 PRIOR FILING DATE: 1998-06-04  
29 PRIOR APPLICATION NUMBER: 60/088326  
30 PRIOR FILING DATE: 1998-06-04  
31 PRIOR APPLICATION NUMBER: 60/088167  
32 PRIOR FILING DATE: 1998-06-05  
33 PRIOR APPLICATION NUMBER: 60/088202  
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39 PRIOR APPLICATION NUMBER: 60/088655  
40 PRIOR FILING DATE: 1998-06-09  
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43 PRIOR APPLICATION NUMBER: 60/088738  
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53 PRIOR APPLICATION NUMBER: 60/088858  
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58 PRIOR FILING DATE: 1998-06-11  
59 PRIOR APPLICATION NUMBER: 60/089105  
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61 PRIOR APPLICATION NUMBER: 60/089440  
62 PRIOR FILING DATE: 1998-06-16  
63 PRIOR APPLICATION NUMBER: 60/089512  
64 PRIOR FILING DATE: 1998-06-16  
65 PRIOR APPLICATION NUMBER: 60/089514  
66 PRIOR FILING DATE: 1998-06-16  
67 PRIOR APPLICATION NUMBER: 60/089532  
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70 PRIOR FILING DATE: 1998-06-17  
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72 PRIOR FILING DATE: 1998-06-17  
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75 PRIOR APPLICATION NUMBER: 60/089600  
76 PRIOR FILING DATE: 1998-06-17  
77 PRIOR APPLICATION NUMBER: 60/089653  
78 PRIOR FILING DATE: 1998-06-17  
79 PRIOR APPLICATION NUMBER: 60/089801  
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82 PRIOR FILING DATE: 1998-06-18  
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89 PRIOR APPLICATION NUMBER: 60/089952  
90 PRIOR FILING DATE: 1998-06-19  
91 PRIOR APPLICATION NUMBER: 60/090246  
92 PRIOR FILING DATE: 1998-06-22  
93 PRIOR APPLICATION NUMBER: 60/090252  
94 PRIOR FILING DATE: 1998-06-22  
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98 PRIOR FILING DATE: 1998-06-23  
99 PRIOR APPLICATION NUMBER: 60/090355  
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101 PRIOR APPLICATION NUMBER: 60/090429  
102 PRIOR FILING DATE: 1998-06-24  
103 PRIOR APPLICATION NUMBER: 60/090431  
104 PRIOR FILING DATE: 1998-06-24  
105 PRIOR APPLICATION NUMBER: 60/090435  
106 PRIOR FILING DATE: 1998-06-24  
107 PRIOR APPLICATION NUMBER: 60/090444  
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109 PRIOR APPLICATION NUMBER: 60/090445  
110 PRIOR FILING DATE: 1998-06-24  
111 PRIOR APPLICATION NUMBER: 60/090472  
112 PRIOR FILING DATE: 1998-06-24  
113 PRIOR APPLICATION NUMBER: 60/090535  
114 PRIOR FILING DATE: 1998-06-24  
115 PRIOR APPLICATION NUMBER: 60/090540  
116 PRIOR FILING DATE: 1998-06-24  
117 PRIOR APPLICATION NUMBER: 60/090542  
118 PRIOR FILING DATE: 1998-06-24  
119 PRIOR APPLICATION NUMBER: 60/090557  
120 PRIOR FILING DATE: 1998-06-24  
121 PRIOR APPLICATION NUMBER: 60/090676  
122 PRIOR FILING DATE: 1998-06-25  
123 PRIOR APPLICATION NUMBER: 60/090678  
124 PRIOR FILING DATE: 1998-06-25  
125 PRIOR APPLICATION NUMBER: 60/090690  
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129 PRIOR APPLICATION NUMBER: 60/090695  
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132 PRIOR FILING DATE: 1998-06-25  
133 PRIOR APPLICATION NUMBER: 60/090862  
134 PRIOR FILING DATE: 1998-06-26  
135 PRIOR APPLICATION NUMBER: 60/090863  
136 PRIOR FILING DATE: 1998-06-26  
137 PRIOR APPLICATION NUMBER: 60/091360  
138 PRIOR FILING DATE: 1998-07-01  
139 PRIOR APPLICATION NUMBER: 60/091478  
140 PRIOR FILING DATE: 1998-07-02  
141 PRIOR APPLICATION NUMBER: 60/091544  
142 PRIOR FILING DATE: 1998-07-01  
143 PRIOR APPLICATION NUMBER: 60/091519  
144 PRIOR FILING DATE: 1998-07-02  
145 PRIOR APPLICATION NUMBER: 60/091626  
146 PRIOR FILING DATE: 1998-07-02



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; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      1.5%  Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 556 CCAACAGCAGGGATCC 572
Db 18 CCAAGAGCAGGGACCC 2

RESULT 1468
US-09-989-728-530/c
; Sequence 530, Application US/09898728
; Publication No. US20030017981A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertschen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C72
; CURRENT APPLICATION NUMBER: US/09/989,728
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
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; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
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; PRIOR FILING DATE: 1998-05-07
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; PRIOR FILING DATE: 1998-05-28
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; PRIOR FILING DATE: 1998-06-02
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; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
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; PRIOR FILING DATE: 1998-06-04
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; PRIOR FILING DATE: 1998-06-17
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; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18

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; PRIOR FILING DATE: 1998-07-09
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 52.4%; Pred. No. 7.5e-02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps
QY 556 CCCAACAGCAGGGATCC 572
Db 18 CCAAGAGCAGGGACCC 2

RESULT 1469
US-09-990-441-530/c
; Sequence 530. Application US/09990441
; Publication No. US20030017982A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1647
; CURRENT APPLICATION NUMBER: US/09/990,441
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR FILING DATE: 1997-11-24
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; PRIOR FILING DATE: 1998-06-03

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; PRIOR APPLICATION NUMBER: 60/088021  
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; PRIOR FILING DATE: 1998-06-19  
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 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/092182  
 ; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred No. 7.5e-02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572



Query Match  
1.5%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCAACGACGAGGATCC 572  
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Db 18 CCAAGACGACGAGCC 2

## RESULT 1473

US-09-997-641-530/c  
; Sequence 530, Application US/09997641  
; Publication No. US20030224358A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
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; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2730PIC39  
; CURRENT APPLICATION NUMBER: US/09/997,641  
; PRIOR FILING DATE: 2001-11-15  
; PRIOR APPLICATION NUMBER: 60/049787  
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; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGGATCC 572
18 CCAAAGAGCAGGGACCC 2

Db

RESULT 1474
US-09-991-150-530/c
; Sequence 530, Application US/09991150
; Publication NO. US20030194760A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desrochers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC48
; CURRENT APPLICATION NUMBER: US/09/991,150
; CURRENT FILING DATE: 2001-11-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 532
; SEQ ID NO 530
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-991-150-530

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGGATCC 572
18 CCAAAGAGCAGGGACCC 2

Db

RESULT 1475
US-10-067-125-13
; Sequence 13, Application US/10067125
; Publication NO. US20030055015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/10/067,125
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 09/167,109
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA

; ORGANISM: Artificial Sequence			
; FEATURE:			
; OTHER INFORMATION: antisense sequence			
US-10-067-125-13			
Query Match		1.5%;	Score 12.2; DB 1; Length 18;
Best Local Similarity		82.4%;	Pred. No. 7.5e+02;
Matches	14;	Conservative	0; Mismatches 3; Indels 0; Gaps 0;
QY	482 CATTCCTCAGGATCTAA	498	
DB	2 CATTCCTCGGTTCTCA	18	
RESULT 1476			
US-10-081-646-19/c			
; Sequence 19, Application US/10081646			
; Publication No. US20030108884A1			
; GENERAL INFORMATION:			
; APPLICANT: Rice, Robert No. US20030108884Alman			
; TITLE OF INVENTION: A Method and Kit			
; FILE REFERENCE: 37921-2			
; CURRENT APPLICATION NUMBER: US/10/081.646			
; CURRENT FILING DATE: 2002-02-22			
; PRIOR APPLICATION NUMBER: US 60/316,308			
; PRIOR FILING DATE: 2001-08-31			
; NUMBER OF SEQ ID NOS: 26			
; SOFTWARE: FastSeq for Windows Version 4.0			
; SEQ ID NO 19			
; LENGTH: 18			
; TYPE: DNA			
; ORGANISM: Unknown			
; FEATURE:		OTHER INFORMATION: Primer	
US-10-081-646-19			
Query Match		1.5%;	Score 12.2; DB 1; Length 18;
Best Local Similarity		82.4%;	Pred. No. 7.5e+02;
Matches	14;	Conservative	0; Mismatches 3; Indels 0; Gaps 0;
QY	880 TTGAGCTCCTGCATGTC	896	
DB	17 TTGAGCCCTGCAGCTG	1	
RESULT 1477			
US-10-005-956-83			
; Sequence 83, Application US/10005956			
; Publication No. US20030113726A1			
; GENERAL INFORMATION:			
; APPLICANT: Bristol-Myers Squibb Company			
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS			
; FILE REFERENCE: D0053NP			
; CURRENT APPLICATION NUMBER: US/10/005,956			
; CURRENT FILING DATE: 2001-12-03			
; PRIOR APPLICATION NUMBER: 60/251,015			
; PRIOR FILING DATE: 2000-12-04			
; PRIOR APPLICATION NUMBER: 60/263,678			
; PRIOR FILING DATE: 2001-01-23			
; PRIOR APPLICATION NUMBER: 60/273,037			
; PRIOR FILING DATE: 2001-03-02			
; NUMBER OF SEQ ID NOS: 1579			
; SOFTWARE: Patentin version 3.0			
; SEQ ID NO 83			
; LENGTH: 18			
; TYPE: DNA			
; ORGANISM: homo sapiens			
US-10-005-956-83			
Query Match		1.5%;	Score 12.2; DB 1; Length 18;
Best Local Similarity		82.4%;	Pred. No. 7.5e+02;
Matches	14;	Conservative	0; Mismatches 3; Indels 0; Gaps 0;
QY	421 TCCGCTGCCCTGCT	437	
DB	2 TCTGCTGGCCCTGCT	18	
RESULT 1478			
US-10-005-956-146			
; Sequence 146, Application US/10005956			
; Publication No. US20030113726A1			
; GENERAL INFORMATION:			
; APPLICANT: Bristol-Myers Squibb Company			
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS			
; FILE REFERENCE: D0053NP			
; CURRENT APPLICATION NUMBER: US/10/005,956			
; CURRENT FILING DATE: 2001-12-03			
; PRIOR APPLICATION NUMBER: 60/251,015			
; PRIOR FILING DATE: 2000-12-04			
; PRIOR APPLICATION NUMBER: 60/263,678			
; PRIOR FILING DATE: 2001-01-23			
; PRIOR APPLICATION NUMBER: 60/273,037			
; PRIOR FILING DATE: 2001-03-02			
; NUMBER OF SEQ ID NOS: 1579			
; SOFTWARE: Patentin version 3.0			
; SEQ ID NO 146			
; LENGTH: 18			
; TYPE: DNA			
; ORGANISM: homo sapiens			
US-10-005-956-146			
Query Match		1.5%;	Score 12.2; DB 1; Length 18;
Best Local Similarity		82.4%;	Pred. No. 7.5e+02;
Matches	14;	Conservative	0; Mismatches 3; Indels 0; Gaps 0;
QY	421 TCCGCTGCCCTGCT	437	
DB	2 TCTGCTGGCCCTGCT	18	
RESULT 1479			
US-10-128-560-25			
; Sequence 25, Application US/10128560			
; Publication No. US20030134272A1			
; GENERAL INFORMATION:			
; APPLICANT: Universiteit Gent			
; TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene			
; FILE REFERENCE: UG-005-PCT			
; CURRENT APPLICATION NUMBER: US/10/128,560			
; CURRENT FILING DATE: 2002-04-18			
; PRIOR APPLICATION NUMBER: EP 99870216.1			
; PRIOR FILING DATE: 1999-10-18			
; PRIOR APPLICATION NUMBER: EP 00870122.9			
; PRIOR FILING DATE: 2000-06-05			
; PRIOR APPLICATION NUMBER: UG 60/211,929			
; PRIOR FILING DATE: 2000-06-16			
; NUMBER OF SEQ ID NOS: 264			
; SOFTWARE: Patentin Ver. 2.1			
; SEQ ID NO 25			
; LENGTH: 18			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
US-10-128-560-25			
Query Match		1.5%;	Score 12.2; DB 1; Length 18;
Best Local Similarity		82.4%;	Pred. No. 7.5e+02;
Matches	14;	Conservative	0; Mismatches 3; Indels 0; Gaps 0;
QY	794 ACTGCAGGACTGACTGA	810	
DB	1 ACTGCAGGAACACTGA	17	
RESULT 1480			



US-10-193-938-19/c  
; Sequence 19, Application US/10193938  
; Publication No. US20030134299A1  
; GENERAL INFORMATION:  
; APPLICANT: Hogan, Michael  
; APPLICANT: Lemeshko, Sery  
; APPLICANT: Belosludtsev, Yuri  
; APPLICANT: Powderill, Tom  
; APPLICANT: Mitra, Rahul  
; TITLE OF INVENTION: METHODS AND DEVICES BASED UPON A NOVEL  
; TITLE OF INVENTION: FORM OF NUCLEIC ACID DUPLEX ON A SURFACE  
; FILE REFERENCE: AP34457 00A146.0162  
; CURRENT APPLICATION NUMBER: US/10/193,938  
; CURRENT FILING DATE: 2002-07-11  
; PRIOR APPLICATION NUMBER: 60/304,500  
; PRIOR FILING DATE: 2001-07-11  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 19  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide wt-18-s  
US-10-193-938-19

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 293 TGTAGTCGGCGCTGC 309  
Db 17 TGTAGTCGGCGCTGC 1

RESULT 1481  
US-10-168-771-40/c  
; Sequence 40, Application US/10168771  
; Publication No. US20030148974A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Richard A. Roth  
; APPLICANT: ISIS PHARMACEUTICALS, INC.  
; APPLICANT: LELAND STANFORD JUNIOR UNIVERSITY  
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-3 EXPRESSION  
; FILE REFERENCE: RTSP-0322  
; CURRENT APPLICATION NUMBER: US/10/168,771  
; CURRENT FILING DATE: 2002-06-21  
; PRIOR APPLICATION NUMBER: 09/474,922  
; PRIOR FILING DATE: 1999-12-29  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 40  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-168-771-40

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 316 AAGACTGCAGAGACT 332  
Db 17 AAGAAAGCAGAGAGCT 1

RESULT 1482  
US-10-168-771-44  
; Sequence 44, Application US/10168771  
; Publication No. US20030148974A1

GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Richard A. Roth  
; APPLICANT: ISIS PHARMACEUTICALS, INC.  
; APPLICANT: LELAND STANFORD JUNIOR UNIVERSITY  
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-3 EXPRESSION  
; FILE REFERENCE: RTSP-0322  
; CURRENT APPLICATION NUMBER: US/10/168,771  
; CURRENT FILING DATE: 2002-06-21  
; PRIOR APPLICATION NUMBER: 09/474,922  
; PRIOR FILING DATE: 1999-12-29  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 44  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-168-771-44

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 539 TCTTCTCGACTCTGTAG 555  
Db 1 TCTTCTCGCTCTGCAG 17

RESULT 1483  
US-10-046-671B-4/c  
; Sequence 4, Application US/10046671B  
; Publication No. US20030152592A1  
; GENERAL INFORMATION:  
; APPLICANT: Boot, Hendrik J.  
; APPLICANT: Huurne ter, Anna A.H.M.  
; APPLICANT: Peeters, Bernardus P.H.  
; TITLE OF INVENTION: Mosaic Infectious Bursal Disease Virus Vaccines  
; FILE REFERENCE: 2183-5238US  
; CURRENT APPLICATION NUMBER: US/10/046,671B  
; CURRENT FILING DATE: 2002-01-14  
; PRIOR APPLICATION NUMBER: PCT/NL00/00493  
; PRIOR FILING DATE: 2000-07-13  
; PRIOR APPLICATION NUMBER: EP 99202316.8  
; PRIOR FILING DATE: 1999-07-14  
; NUMBER OF SEQ ID NOS: 87  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Infectious bursal disease virus  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Primer RTAP  
US-10-046-671B-4

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 877 CCATTGAGGTCTGTGAT 893  
Db 17 CCAGTTAGGTCTGTAT 1

RESULT 1484  
US-10-314-657-130  
; Sequence 130, Application US/10314657  
; Publication No. US20030175888A1  
; GENERAL INFORMATION:  
; APPLICANT: SHEN, Ben  
; APPLICANT: CHENG, Yi-Qiang

APPLICANT: TANG, Gong-Li  
 TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide  
 TITLE OF INVENTION: Synthases and Methods of Use  
 FILE REFERENCE: 054030-0021  
 CURRENT APPLICATION NUMBER: US/10/314,657  
 CURRENT FILING DATE: 2002-12-09  
 PRIOR APPLICATION NUMBER: PCT/US02/08937  
 PRIOR FILING DATE: 2002-03-22  
 PRIOR APPLICATION NUMBER: US 60/278,935  
 PRIOR FILING DATE: 2001-03-26  
 NUMBER OF SEQ ID NOS: 214  
 SOFTWARE: PatentIn version 3.2  
 SEQ ID NO 130  
 LENGTH: 18  
 TYPE: DNA  
 ORGANISM: Streptomyces atroolivaceus  
 US-10-314-657-130

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 722 TCAGGAGCTGGGTPACA 738  
 Db 1 TCAGGGGGTGGGAACA 17

RESULT 1485  
 US-10-084-839-3962  
 Sequence 3962, Application US/10084839  
 Publication No. US20030186238A1  
 GENERAL INFORMATION:  
 APPLICANT: Third Wave Technologies  
 APPLICANT: Allawi, Hatim  
 APPLICANT: Argue, Brad T.  
 APPLICANT: Bartholomay, Christian T.  
 APPLICANT: Chehak, LuAnne  
 APPLICANT: Curtis, Michelle L.  
 APPLICANT: Eis, Peggy S.  
 APPLICANT: Hall, Jeff G.  
 APPLICANT: Ip, Hon S.  
 APPLICANT: Ji, Lin  
 APPLICANT: Kaiser, Michael  
 APPLICANT: Kwiatkowski, Jr., Robert W.  
 APPLICANT: Lukowiak, Andrew A.  
 APPLICANT: Lyamichev, Victor  
 APPLICANT: Lymaicheva, Natalie E.  
 APPLICANT: Ma, Wupo  
 APPLICANT: Neri, Bruce P.  
 APPLICANT: Olson, Sarah M.  
 APPLICANT: Olson-Mutoz, Marilyn C.  
 APPLICANT: Schaefer, James J.  
 APPLICANT: Skrzypczynski, Zbigniew  
 APPLICANT: Takova, Teetska Y.  
 APPLICANT: Thompson, Lisa C.  
 APPLICANT: Vedvik, Kevin L.  
 TITLE OF INVENTION: RNA Detection Assays  
 FILE REFERENCE: FORS-06666  
 CURRENT APPLICATION NUMBER: US/10/084,839  
 CURRENT FILING DATE: 2002-02-26  
 NUMBER OF SEQ ID NOS: 4004  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 3962  
 LENGTH: 18  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic  
 US-10-084-839-3962

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 770 ACTGAGAGAGAGTGTG 786  
 Db 1 ACTGAAGAAGCAGTCCG 17

RESULT 1486  
 US-10-429-667-86/c  
 Sequence 86, Application US/10429667  
 Publication No. US20030207401A1  
 GENERAL INFORMATION:  
 APPLICANT: Baker, Kevin  
 APPLICANT: Botstein, David  
 APPLICANT: Baton, Dan  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gerritsen, Mary  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul  
 APPLICANT: Grimaldi, Christopher  
 APPLICANT: Gurney, Austin  
 APPLICANT: Hillan, Kenneth  
 APPLICANT: Kijavitt, Ivar  
 APPLICANT: Napier, Mary  
 APPLICANT: Roy, Margaret  
 APPLICANT: Tamas, Daniel  
 APPLICANT: Wood, William  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 TITLE OF INVENTION: ACIDS ENCODING THE SAME  
 FILE REFERENCE: P2548FIC1  
 CURRENT APPLICATION NUMBER: US/10/429,667  
 CURRENT FILING DATE: 2003-05-01  
 PRIOR APPLICATION NUMBER: 60/067,411  
 PRIOR FILING DATE: December 3, 1997  
 PRIOR APPLICATION NUMBER: 60/069,334  
 PRIOR FILING DATE: December 11, 1997  
 PRIOR APPLICATION NUMBER: 60/069335  
 PRIOR FILING DATE: December 11, 1997  
 PRIOR APPLICATION NUMBER: 60/069,278  
 PRIOR FILING DATE: December 11, 1997  
 PRIOR APPLICATION NUMBER: 60/069,425  
 PRIOR FILING DATE: December 12, 1997  
 PRIOR APPLICATION NUMBER: 60/069,686  
 PRIOR FILING DATE: December 16, 1997  
 PRIOR APPLICATION NUMBER: 60/069,694  
 PRIOR FILING DATE: December 16, 1997  
 PRIOR APPLICATION NUMBER: 60/069,702  
 PRIOR FILING DATE: December 16, 1997  
 PRIOR APPLICATION NUMBER: 60/069,870  
 PRIOR FILING DATE: December 17, 1997  
 PRIOR APPLICATION NUMBER: 60/069,873  
 PRIOR FILING DATE: December 17, 1997  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 120  
 SEQ ID NO 86  
 LENGTH: 18  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-429-667-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572  
 Db 18 CCAAGAGCAGGACCC 2

RESULT 1487  
 US-10-440-850-1110/c

```

; Sequence 1110, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Stinchcomb, Dan
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (MBH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1110
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-1110

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 768 GAAGTGGAGGAGAGTG 784
Db 17 GCAGTGGAGGAGAGTG 1

RESULT 1488
US-10-360-149-58/c
; Sequence 58, Application US/10360149
; Publication No. US20030219786A1
; GENERAL INFORMATION:
; APPLICANT: El Yayar, Nabil
; APPLICANT: Campbell, Robert K
; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaomei
; TITLE OF INVENTION: No. US20030219786A1el Glycoproteins and Methods of Use Thereof
; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/10/360,149
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US/09/927,876
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/202,724
; PRIOR FILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 58
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: Sequence
US-10-360-149-58

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 225 GAAGTGACGGCGGTGC 241
Db 17 GAAGTGACGGCGGTGC 241

```

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Db 18 GAAGTGACGGCGGAGGC 2

RESULT 1489
US-10-219-538-530/c
; Sequence 530, Application US/10219538
; Publication No. US20030219556A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C73
; CURRENT APPLICATION NUMBER: US/10/219,538
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 09/941,992
; PRIOR FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: US 09/380,137
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: US 60/141,037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 60/092,182
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 532
; SEQ ID NO 530
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-219-538-530

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CCCAACAGCAGGAGATCC 572
Db 18 CCAAGAGCAGGAGATCC 2

RESULT 1490
US-10-297-068-108
; Sequence 108, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174

```

; CURRENT APPLICATION NUMBER: US/10/297,068  
; CURRENT FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: JP 2000-164798  
; PRIOR FILING DATE: 2000-06-01  
; NUMBER OF SEQ ID NOS: 1298  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 108  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: capture  
US-10-297-068-108

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 640 GCTCCTGCAACCGAGT 656  
DB 1 CCTGCTGCCCGCGAGT 17

RESULT 1491  
US-10-297-068-132/c

; Sequence 132, Application US/10297068  
; Publication No. US20030228585A1  
; GENERAL INFORMATION:  
; APPLICANT: INOKO, Hidetoshi  
; APPLICANT: KAGIYA, Taeko  
; APPLICANT: ICHIHARA, Tatsuo  
; APPLICANT: Matsumura, Yoshiyuki  
; APPLICANT: MORIYA, Shogo  
; APPLICANT: NISHIDA, Michio  
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES  
; FILE REFERENCE: 13140P1174  
; CURRENT APPLICATION NUMBER: US/10/297,068  
; CURRENT FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: JP 2000-164798  
; PRIOR FILING DATE: 2000-06-01  
; NUMBER OF SEQ ID NOS: 1298  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 132  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: capture  
US-10-297-068-132

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 687 TCTGCACACCGCTTCCA 703  
DB 17 TCTGCACACCGCTGTCCA 1

RESULT 1492  
US-10-376-341-203/c

; Sequence 203, Application US/10376341  
; Publication No. US20040002473A1  
; GENERAL INFORMATION:  
; APPLICANT: KURRECK, Jens  
; APPLICANT: ERDMANN, Volker A.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VRI  
; FILE REFERENCE: 029310.52142US  
; CURRENT APPLICATION NUMBER: US/10/376,341  
; CURRENT FILING DATE: 2003-03-03  
; PRIOR APPLICATION NUMBER: PCT/EP01/10081  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: 100 43 674.9

; PRIOR FILING DATE: 2000-09-02  
; PRIOR APPLICATION NUMBER: 100 43 702.8  
; PRIOR FILING DATE: 2000-09-04  
; NUMBER OF SEQ ID NOS: 248  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 203  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 715 CCAAAATTCAGGAGCTG 731  
DB 17 CCACATGCTGGAGCTG 1

RESULT 1493

US-10-108-260A-5128/c  
; Sequence 5128, Application US/10108260A  
; Publication No. US20040005560A1  
; GENERAL INFORMATION:  
; APPLICANT: HELIX RESEARCH INSTITUTE  
; TITLE OF INVENTION: No. US20040005560A1el full length cdNA  
; FILE REFERENCE: H1-A0106  
; CURRENT APPLICATION NUMBER: US/10/108,260A  
; CURRENT FILING DATE: 2002-03-27  
; NUMBER OF SEQ ID NOS: 5458  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 5128  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 TCAACAGCTGGCAGGG 966  
DB 18 TCAACATCTTAGCAGGG 2

RESULT 1494

US-10-108-260A-5315/c  
; Sequence 5315, Application US/10108260A  
; Publication No. US20040005560A1  
; GENERAL INFORMATION:  
; APPLICANT: HELIX RESEARCH INSTITUTE  
; TITLE OF INVENTION: No. US20040005560A1el full length cdNA  
; FILE REFERENCE: H1-A0106  
; CURRENT APPLICATION NUMBER: US/10/108,260A  
; CURRENT FILING DATE: 2002-03-27  
; NUMBER OF SEQ ID NOS: 5458  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 5315  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 771 CTGAGAGAGAGTGTGA 787  
|||||  
Db 18 CTGAGAGACAAAGTGA 2

RESULT 1495  
US-10-189-256-6/c  
; Sequence 6, Application US/10189256  
; Publication No. US20040005569A1  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Susan M. Fraier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P50 SUBUNIT EXPRESSION  
; FILE REFERENCE: PFS-0050  
; CURRENT APPLICATION NUMBER: US/10/189,256  
; CURRENT FILING DATE: 2002-07-02  
; NUMBER OF SEQ ID NOS: 143  
; SEQ ID NO 6  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR Primer  
US-10-189-256-6

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 631 CTCAGTCCCGCTCCCTG 647  
|||||  
Db 17 CTCAGGCCCACTGCTG 1

RESULT 1496  
US-10-143-4727  
; Sequence 4727, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; CURRENT FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 4727  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-17363 for SEQ 793,  
US-10-143-4727

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 TGGAGAGAGAGTGTGAG 788  
|||||  
Db 2 TGGAGAGAGAGTGTG 18

RESULT 1497  
US-10-349-143-7466/c  
; Sequence 7466, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; CURRENT FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7466  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-5098 for SEQ 3532,  
US-10-349-143-7466

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 902 GTATTTTAAGTCAAAAG 918  
|||||  
Db 18 GGATGCTTAGGTGAAAG 2

RESULT 1498  
US-10-349-143-8004/c  
; Sequence 8004, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; CURRENT FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 8004  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: downstream amplification primer 99-13133 for SEQ 139, in compleme  
US-10-349-143-8004

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 741 GTAGCCTTGGTCTTAA 757  
|||||  
DB 18 GTAGACTCGGTGCTTAA 2

## RESULT 1499

US-10-382-754B-1  
; Sequence 1, Application US/10382754B  
; Publication No. US2004000933A1  
; GENERAL INFORMATION:  
; APPLICANT: Glen Research Corp. and Berry & Associates, Inc.  
; TITLE OF INVENTION: Fluorescent Nitrogenous Base and Nucleosides Incorporating Same  
; FILE REFERENCE: 005416.0008  
; CURRENT APPLICATION NUMBER: US/10/382,754B  
; PRIOR FILING DATE: 2003-03-06  
; PRIOR APPLICATION NUMBER: 60/362,448  
; PRIOR FILING DATE: 2002-03-08  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; OTHER INFORMATION: chemically synthesized sequence  
; NAME/KEY: misc feature  
; LOCATION: (1)..(11)  
; OTHER INFORMATION: n is pyrrolo-dC  
US-10-382-754B-1

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 77.8%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 714 GCCAAATTCAGGAGCTG 731  
|||||  
DB 1 GCCTAACTTCGGAGATG 18

## RESULT 1500

US-10-268-730-2/c  
; Sequence 2, Application US/10268730  
; Publication No. US20040014059A1  
; GENERAL INFORMATION:  
; APPLICANT: ChondroGene  
; APPLICANT: Liew, Choong-Chin  
; TITLE OF INVENTION: Method for the Detection of Gene Transcripts in Blood and Uses  
; TITLE OF INVENTION: thereof  
; FILE REFERENCE: 4231/2045  
; CURRENT APPLICATION NUMBER: US/10/268,730  
; PRIOR FILING DATE: 2002-10-09  
; PRIOR APPLICATION NUMBER: US  
; PRIOR FILING DATE: 2000-01-04  
; PRIOR APPLICATION NUMBER: US 60/115,125  
; PRIOR FILING DATE: 1999-01-06  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: reverse primer of exons 1 and 2 of insulin gene used for  
; OTHER INFORMATION: quantitative RT-PCR analysis  
; NAME/KEY: primer bind  
; LOCATION: (1)..(18)  
US-10-268-730-2

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 882 GAGTCCTGCATGTCAG 898  
|||||  
DB 17 GAGGACCTGCAGTGGG 1

## RESULT 1501

US-10-206-618-26  
; Sequence 28, Application US/10206618  
; Publication No. US20040018497A1  
; GENERAL INFORMATION:  
; APPLICANT: Marden, Craig H.  
; TITLE OF INVENTION: HUMAN OBESITY LIPIN3 POLYNUCLEOTIDE AND  
; FILE REFERENCE: 220002064100  
; CURRENT APPLICATION NUMBER: US/10/206,618  
; PRIOR FILING DATE: 2002-07-26  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 26  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-206-618-26

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 536 CCCTCTTCTCGACTCTG 552  
|||||  
DB 1 CCCTCTTCACACCTG 17

## RESULT 1502

US-10-435-696-145/c  
; Sequence 145, Application US/10435696  
; Publication No. US20040018525A1  
; GENERAL INFORMATION:  
; APPLICANT: Wirtz, Ralph  
; APPLICANT: Munnes, Marc  
; APPLICANT: Kallabis, Harald  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS  
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA  
; FILE REFERENCE: Lea 36 108  
; CURRENT APPLICATION NUMBER: US/10/435,696  
; PRIOR FILING DATE: 2003-05-09  
; CURRENT APPLICATION NUMBER: EP03003112.4  
; PRIOR FILING DATE: 2003-02-13  
; PRIOR APPLICATION NUMBER: EP02010291.9  
; PRIOR FILING DATE: 2002-05-21  
; NUMBER OF SEQ ID NOS: 314  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 145  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-435-696-145

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 880 TTGAGTCTCTGCATGTCG 896  
|||||  
DB 17 TTCAGGTCTGTCATCGG 1

## RESULT 1503

US-10-138-674-3023/c  
; Sequence 3023, Application US/10138674  
; Publication No. US20040077565A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MSHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/138.674  
; CURRENT FILING DATE: 2002-05-03  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3023  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Mus musculus  
US-10-138-674-3023

Query Match 1.5%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 7.5e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 3;

Qy 947 GAGTCAACAGCTGGGCA 963

Db 18 GAGACCACAGCAGGGCA 2

## RESULT 1504

US-10-287-949A-3023/c  
; Sequence 3023, Application US/10287949A  
; Publication No. US20040102389A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MSHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/287.949A  
; CURRENT FILING DATE: 2003-04-11  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3023  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Mus musculus  
US-10-287-949A-3023

Query Match 1.5%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 7.5e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 3;

Qy 947 GAGTCAACAGCTGGGCA 963

Db 18 GAGACCACAGCAGGGCA 2

## RESULT 1505

US-10-175-492-15/c  
; Sequence 15, Application US/10175492  
; Publication No. US20030232442A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRESSION  
; FILE REFERENCE: RTS-0435

; CURRENT APPLICATION NUMBER: US/10/175,492  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 164  
; SEQ ID NO 15  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-175-492-15

Query Match 1.5%; Score 12.2; DB 1; Length 20;

Best Local Similarity 82.4%; Pred. No. 8.6e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 3;

Qy 185 CAGTGGCGGGTCACTT 201

Db 19 CAGTGGCGGGTCCGTT 3

## RESULT 1506

US-10-175-492-93  
; Sequence 93, Application US/10175492  
; Publication No. US20030232442A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRESSION  
; FILE REFERENCE: RTS-0435  
; CURRENT APPLICATION NUMBER: US/10/175,492  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 164  
; SEQ ID NO 93  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-175-492-93

Query Match 1.5%; Score 12.2; DB 1; Length 20;

Best Local Similarity 82.4%; Pred. No. 8.6e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 3;

Qy 185 CAGTGGCGGGTCACTT 201

Db 2 CAGTGGCGGGTCCGTT 18

## RESULT 1507

US-10-174-460-21  
; Sequence 21, Application US/10174460  
; Publication No. US20030232441A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION  
; FILE REFERENCE: PTS-0014  
; CURRENT APPLICATION NUMBER: US/10/174,460  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 109  
; SEQ ID NO 21  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-174-460-21

Query Match 1.5%; Score 12.2; DB 1; Length 20;

Best Local Similarity 82.4%; Pred. No. 8.6e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 3;

Qy 723 CAGGAGCTGCGGTACAG 739

```
Db      4 CAGGAGCTGCAGCCCA 20
|||||
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1339

Query Match      1.4%; Score 12; DB 1; Length 14;
Best Local Similarity 75.0%; Pred. No. 5.8e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      148 CTGCAGCTCCCAT 159
Db      1 CUGCAGCUCCAU 12
|||||

RESULT 1508
US-09-504-231A-1339
; Sequence 1339, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1339
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1339

Query Match      1.4%; Score 12; DB 1; Length 14;
Best Local Similarity 75.0%; Pred. No. 5.8e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      148 CTGCAGCTCCCAT 159
Db      1 CUGCAGCUCCAU 12
|||||

RESULT 1509
US-09-274-553D-1339
; Sequence 1339, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1339
; TYPE: RNA
; ORGANISM: Artificial Sequence

Db      4 CAGGAGCTGCAGCCCA 20
|||||
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1339

Query Match      1.4%; Score 12; DB 1; Length 14;
Best Local Similarity 75.0%; Pred. No. 5.8e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      148 CTGCAGCTCCCAT 159
Db      1 CUGCAGCUCCAU 12
|||||

RESULT 1510
US-09-888-164-31/c
; Sequence 31, Application US/09888164
; Publication No. US20030119724A1
; GENERAL INFORMATION:
; APPLICANT: Ts'o, Paul O.P.
; APPLICANT: Hangeland, Jon
; APPLICANT: Deamond, Scott
; APPLICANT: Roby, Clinton
; TITLE OF INVENTION: LIGANDS TO ENHANCE CELLULAR UPTAKE OF BIOMOLECULES
; FILE REFERENCE: 212241
; CURRENT APPLICATION NUMBER: US/09/888,164
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 09/282,455
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: 08/755,062
; PRIOR FILING DATE: 1996-11-22
; PRIOR APPLICATION NUMBER: 60/007,480
; PRIOR FILING DATE: 1995-11-22
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA fragment non-complementary from Hepatitis B virus
US-09-888-164-31

Query Match      1.4%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      492 GATCTAATTGGA 503
Db      12 GATCTAATTGGA 1
|||||

RESULT 1511
US-09-504-231A-439/c
; Sequence 439, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
```



; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 439  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-439

Query Match 1.4%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 711 ATAGCCAAATTT 722  
|||||  
DB 15 ATAGCCAAATTT 4

RESULT 1512  
US-09-504-231A-441/c  
; Sequence 441, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 441  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-441

Query Match 1.4%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 CCCATAGCCCAA 719  
|||||  
DB 12 CCCATAGCCCAA 1

RESULT 1513  
US-09-504-231A-1246/c  
; Sequence 1246, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE

; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1246  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1246

Query Match 1.4%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 772 TGGAGAAGAAGT 783  
|||||  
DB 12 TGGAGAAGAAGT 1

RESULT 1514  
US-09-274-553D-439/c  
; Sequence 439, Application US/09274553D  
; Patent No. US2002008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 439  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-439

Query Match 1.4%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 711 ATAGCCAAATTT 722  
|||||  
DB 15 ATAGCCAAATTT 4

RESULT 1515  
US-09-274-553D-441/c

; Sequence 441, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 441  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-441

Query Match 1.4%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 CCCATAGCCAAA 719  
DB 12 CCCATAGCCAAA 1

RESULT 1516  
US-09-274-553D-1246/c  
; Sequence 1246, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1246  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1246

Query Match 1.4%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 772 TCGACAGAGCT 783  
DB 12 TCGACAGAGCT 1

RESULT 1517  
US-10-056-414-350  
; Sequence 350, Application US/10056414  
; Publication No. US20030003469A1  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Draper, Kenneth G.  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; DISEASES OR CONDITIONS  
; RELATED TO LEVELS OF  
; NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; SUITE: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; STORAGE  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/056,414  
; FILING DATE: 23-Jan-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/157  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 350:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 350:  
US-10-056-414-350

Query Match 1.4%; Score 12; DB 1; Length 15;  
Best Local Similarity 83.3%; Pred. No. 6.4e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCTGTCTCCAGC 414  
DB 1 CCTGTCTCCAGC 12

RESULT 1518  
US-10-010-802-182/c  
; Sequence 182, Application US/10010802  
; Publication No. US20030078220A1

```

; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chek, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
; FILE REFERENCE: MMH-0002US2 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010.802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 182
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-182

Query Match      1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      144 GGGGCTGCAGCT 155
Db      13 GGGGCTGCAGCT 2
      |||||
RESULT 1519
US-10-356-625-4
; Sequence 4, Application US/10356625
; Publication No. US20030186290A1
; GENERAL INFORMATION:
; APPLICANT: Tournier-lasseve, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-0000
; CURRENT APPLICATION NUMBER: US/10/356.625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230.652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04680
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-4

Query Match      1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      846 ACACAGCCCCC 857
Db      4 ACACAGCCCCC 15
      |||||
RESULT 1520
US-10-297-068-26
; Sequence 26, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297.068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-26

Query Match      1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      771 CTGGAGAGAG 782
Db      1 CTGGAGAGAG 12
      |||||
RESULT 1521
US-09-918-686-29/c
; Sequence 29, Application US/09918686
; Patent No. US2002007620A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Proll, Sean
; APPLICANT: Paepfer, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918.686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-29

Query Match      1.4%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      403 CCCTGCTCCAGC 414
Db      13 CCCTGCTCCAGC 2
      |||||
RESULT 1522
US-10-353-150-29/c
; Sequence 29, Application US/10353150
; Publication No. US20030157543A1
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; GENERAL INFORMATION:  
 ; APPLICANT: Brunkow, Mary E.  
 ; APPLICANT: Prohl, Sean  
 ; APPLICANT: Paepel, Bryan  
 ; APPLICANT: Staehling-Hampton, Karen  
 ; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
 ; TITLE OF INVENTION: GENOMIC DELETIONS  
 ; FILE REFERENCE: 240083.515C1  
 ; CURRENT APPLICATION NUMBER: US/10/353,150  
 ; CURRENT FILING DATE: 2003-01-27  
 ; NUMBER OF SEQ ID NOS: 105  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 29  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: PCR primer  
 US-10-353-150-29

Query Match 1.4%; Score 12; DB 1; Length 16;  
 Best Local Similarity 100.0%; Pred. No. 7e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCCTGCTCCAGC 414  
 DB 13 CCCGCTCCAGC 2

RESULT 1523  
 US-09-866-108-1757  
 ; Sequence 1757, Application US/09866108  
 ; Patent No. US20020048800A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: US 60/234,687  
 ; PRIOR FILING DATE: 2000-09-21  
 ; PRIOR APPLICATION NUMBER: US 60/266,860  
 ; PRIOR FILING DATE: 2001-02-05  
 ; NUMBER OF SEQ ID NOS: 15752  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; SEQ ID NO 1763  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108-1763

; PRIOR APPLICATION NUMBER: US 60/266,860  
 ; PRIOR FILING DATE: 2001-02-05  
 ; NUMBER OF SEQ ID NOS: 15752  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; SEQ ID NO 1757  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108-1757

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTAAGCCAGAT 452  
 DB 6 CTAAGCCAGAT 17

RESULT 1524  
 US-09-866-108-1763  
 ; Sequence 1763, Application US/09866108  
 ; Patent No. US20020048800A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: US 60/234,687  
 ; PRIOR FILING DATE: 2000-09-21  
 ; PRIOR APPLICATION NUMBER: US 60/266,860  
 ; PRIOR FILING DATE: 2001-02-05  
 ; NUMBER OF SEQ ID NOS: 15752  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; SEQ ID NO 1763  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108-1763

US-09-866-108-7573  
: Sequence 7673, Application US/098665108  
: Patent No. US200204800A1  
: GENERAL INFORMATION:  
: APPLICANT: GU, Yizhong  
: APPLICANT: JI, Yonggang  
: APPLICANT: PENN, Sharon G.

```

; REFUGIAN: CHEN, WenSheng
; APPLICANT: CHEN, WenSheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7

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; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7673
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7673

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps

QY 771 CTGGAGAGAAG 782
Db 1 CTGGAGAGAAG 12

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US-09-866-108-7790/c  
; Sequence 7790, Application US/09866108  
; Patent No. US20020049800A1

; GENERAL INFORMATION.  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.

; AFFILIANT: KANN, DAVID K.  
 ; APPLICANT: CHEN, Wensheng

```

APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,697
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7790
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7790

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 827 TGCTGAAGCTGG 838
Db 17 TGCTGAAGCTGG 6

RESULT 1528
US-09-866-108-7791/c
; Sequence 7791, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359

```

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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,697
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7791
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7791

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 827 TGCTGAAGCTGG 838
Db 16 TGCTGAAGCTGG 5

RESULT 1529
US-09-148-234-1
; Sequence 1, Application US/09148234
; Patent No. US20020102728A1
; GENERAL INFORMATION:
; APPLICANT: Moutsatsos, Ioannis
; APPLICANT: Gazit, Dan
; APPLICANT: Zilberman, Yoram
; APPLICANT: Turgeman, Gadi
; TITLE OF INVENTION: Genetically Engineered Cells Which Express Bone
; TITLE OF INVENTION: Morphogenetic Proteins
; FILE REFERENCE: 314-002
; CURRENT APPLICATION NUMBER: US/09/148,234
; CURRENT FILING DATE: 1998-09-04
; EARLIER APPLICATION NUMBER: 60/057,989
; EARLIER FILING DATE: 1997-09-05
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide based on mouse bone morphogenesis
; OTHER INFORMATION: protein 2 sequence
US-09-148-234-1

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy 210 TCCAGGCCCTCT 221  
 |||||  
 Db 3 TCCAGGCCCTCT 14

RESULT 1530  
 US-09-880-732-52/c  
 ; Sequence 52, Application US/09880732  
 ; Patent No. US20020127561A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GENICON SCIENCES CORPORATION  
 ; APPLICANT: BEE, Gary  
 ; APPLICANT: KOHNE, David E.  
 ; APPLICANT: KORB, Linda  
 ; APPLICANT: PETERSON, Todd  
 ; APPLICANT: YGUERABIDE, Juan  
 ; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE  
 ; FILE REFERENCE: 089498/0403  
 ; CURRENT APPLICATION NUMBER: US/09/880,732  
 ; CURRENT FILING DATE: 2001-09-17  
 ; PRIOR APPLICATION NUMBER: US 60/210,988  
 ; PRIOR FILING DATE: 2000-06-12  
 ; NUMBER OF SEQ ID NOS: 64  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 52  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection  
 US-09-880-732-52

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCCTGCTCCAGC 414  
 |||||  
 Db 12 CCCTGCTCCAGC 1

RESULT 1531  
 US-09-864-785-346  
 ; Sequence 346, Application US/09864785  
 ; Patent No. US20020177568A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Draper, Ken  
 ; APPLICANT: McSwiggen, Jim  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
 ; FILE REFERENCE: 400/022 (MBH00-812-D)  
 ; CURRENT APPLICATION NUMBER: US/09/864,785  
 ; CURRENT FILING DATE: 2001-05-23  
 ; NUMBER OF SEQ ID NOS: 3929  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 346  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
 US-09-864-785-346

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 83.3%; Pred. No. 7.6e+02;  
 Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCCTGCTCCAGC 414  
 |||||

Db 6 CCCUGCUCGAGC 17

RESULT 1532  
 US-09-864-785-347  
 ; Sequence 347, Application US/09864785  
 ; Patent No. US20020177568A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Draper, Ken  
 ; APPLICANT: McSwiggen, Jim  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
 ; FILE REFERENCE: 400/022 (MBH00-812-D)  
 ; CURRENT APPLICATION NUMBER: US/09/864,785  
 ; CURRENT FILING DATE: 2001-05-23  
 ; NUMBER OF SEQ ID NOS: 3929  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 347  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
 US-09-864-785-347

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 83.3%; Pred. No. 7.6e+02;  
 Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCCTGCTCCAGC 414  
 |||||  
 Db 3 CCCUGCUCGAGC 14

RESULT 1533  
 US-09-864-785-348  
 ; Sequence 348, Application US/09864785  
 ; Patent No. US20020177568A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Draper, Ken  
 ; APPLICANT: McSwiggen, Jim  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
 ; FILE REFERENCE: 400/022 (MBH00-812-D)  
 ; CURRENT APPLICATION NUMBER: US/09/864,785  
 ; CURRENT FILING DATE: 2001-05-23  
 ; NUMBER OF SEQ ID NOS: 3929  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 348  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
 US-09-864-785-348

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 83.3%; Pred. No. 7.6e+02;  
 Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCCTGCTCCAGC 414  
 |||||  
 Db 1 CCCUGCUCGAGC 12

RESULT 1534  
 US-09-864-785-1569  
 ; Sequence 1569, Application US/09864785  
 ; Patent No. US20020177568A1

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of NF-kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1569
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1569

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      403 CCCTGCTCCAGC 414
      |||:|||||
Db      5 CCCGCGCCAGC 16

RESULT 1535
US-09-912-014-22/c
; Sequence 22, Application US/09912014
; Publication No. US2003005929A1
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; MICROELECTRONIC SYSTEMS AND DEVICES FOR
; MOLECULAR BIOLOGICAL ANALYSIS AND
; DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/912,014
; FILING DATE: 24-Jul-2001
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION NUMBER:
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELETYPE: 67-3510
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-912-014-22

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      771 CTGGAGAGAAG 782
      |||:|||||
Db      17 CTGGAGAGAAG 6

RESULT 1536
US-09-930-423-464
; Sequence 464, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 464
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-464

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      421 TCCGGCTGCCCC 432
      :||||:|
Db      3 UCCGGCGGCCCC 14

RESULT 1537
US-09-930-423-1008
; Sequence 1008, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1008
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1008

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      421 TCCGGCTGCCCC 432
      :||||:|
Db      2 UCCGGCGGCCCC 13

RESULT 1538
US-09-930-423-1195
; Sequence 1195, Application US/09930423
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; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1195

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      421  TCCGGCTGCCCC 432
Db      5    UCCGGCUGCCCC 16

RESULT 1539
US-09-930-423-1524
; Sequence 1524, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1524

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      421  TCCGGCTGCCCC 432
Db      6    UCCGGCUGCCCC 17

RESULT 1540
US-09-930-423-1524
; Sequence 1524, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-780-164-37

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.6e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
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```
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-37

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.6e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy      139  CTTTGGGGGCTG 150
Db      6    CUUUGGGGGCUG 17

RESULT 1541
US-09-780-164-506
; Sequence 506, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 506
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-506

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy      469  TCCAGGAACCTG 480
Db      6    UCCAGGAACUUG 17

RESULT 1542
US-09-780-164-764
; Sequence 764, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 764
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-764

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.6e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy      139  CTTTGGGGGCTG 150
Db      1    CUUUGGGGGCUG 12
```

RESULT 1543  
US-09-780-164-978  
; Sequence 978, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO: 978  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-978

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 7.6e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 139 CTTTGGGGGGCTG 150  
|:::|||||:  
DB 5 CUUUGGGGGCUG 16

RESULT 1544  
US-09-780-164-979  
; Sequence 979, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO: 979  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-979

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 7.6e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 139 CTTTGGGGGGCTG 150  
|:::|||||:  
DB 4 CUUUGGGGGCUG 15

RESULT 1545  
US-09-780-164-980  
; Sequence 980, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO: 980  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-980

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 7.6e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 139 CTTTGGGGGGCTG 150  
|:::|||||:  
DB 3 CUUUGGGGGCUG 14

RESULT 1546  
US-09-780-164-981  
; Sequence 981, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO: 981  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-981

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 7.6e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 139 CTTTGGGGGGCTG 150  
|:::|||||:  
DB 2 CUUUGGGGGCUG 13

RESULT 1547  
US-09-780-164-1021  
; Sequence 1021, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO: 1021  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens

## US-09-780-164-1021

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 7.6e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 469 TCCAGGAACCTTG 480  
Db 5 UCCAGGAACUUG 16

## RESULT 1548

US-09-780-164-1022  
; Sequence 1022, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

; FILE REFERENCE: 400/010

; CURRENT APPLICATION NUMBER: US/09/780,164

; CURRENT FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: 60/185,516

; PRIOR FILING DATE: 2000-02-28

; NUMBER OF SEQ ID NOS: 2603

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1022

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-780-164-1022

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 7.6e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 469 TCCAGGAACCTTG 480  
Db 4 UCCAGGAACUUG 15

## RESULT 1549

US-09-740-332-798  
; Sequence 798, Application US/09740332  
; Publication No. US20030125270A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: RPI 400/003

; CURRENT APPLICATION NUMBER: US/09/740,332

; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9704

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 798

; LENGTH: 17

; TYPE: RNA

; ORGANISM: artificial sequence

; FEATURE:

; NAME/KEY: misc\_feature

; LOCATION:

; OTHER INFORMATION: oligonucleotide substrate

## US-09-740-332-798

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 7.6e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 794 ACTGCAGGACTG 805  
Db 6 ACUGCAGGACUG 17

## RESULT 1550

US-09-740-332-799  
; Sequence 799, Application US/09740332  
; Publication No. US20030125270A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: RPI 400/003

; CURRENT APPLICATION NUMBER: US/09/740,332

; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9704

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 799

; LENGTH: 17

; TYPE: RNA

; ORGANISM: artificial sequence

; FEATURE:

; NAME/KEY: misc\_feature

; LOCATION:

; OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-799

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 7.6e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 794 ACTGCAGGACTG 805  
Db 1 ACUGCAGGACUG 12

## RESULT 1551

US-09-740-332-3757/c  
; Sequence 3757, Application US/09740332  
; Publication No. US20030125270A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: RPI 400/003

; CURRENT APPLICATION NUMBER: US/09/740,332

; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9704

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3757

; LENGTH: 17

; TYPE: RNA

; ORGANISM: artificial sequence

; FEATURE:

; NAME/KEY: misc\_feature

; LOCATION:

; OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-3757

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 794 ACTGCAGGACTG 805  
Db 13 ACTGCAGGACTG 2

## RESULT 1552

US-09-745-237A-464  
; Sequence 464, Application US/09745237A  
; Publication No. US20030143708A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

; FILE REFERENCE: 400/007 (MBH00-918-A)

; CURRENT APPLICATION NUMBER: US/09/745,237A

; CURRENT FILING DATE: 2002-04-15

; NUMBER OF SEQ ID NOS: 4550

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 464

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-745-237A-464

Query Match 1.4%; Score 12; DB 1; Length 17;

Best Local Similarity 83.3%; Pred. No. 7.6e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 421 TCCGGCTGCCCC 432

:||||:||||

Db 3 UCCGGCUGCCCC 14

RESULT 1553

US-09-745-237A-1008

; Sequence 1008, Application US/09745237A

; Publication No. US20030143708A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

; FILE REFERENCE: 400/007 (MBH00-918-A)

; CURRENT APPLICATION NUMBER: US/09/745,237A

; CURRENT FILING DATE: 2002-04-15

; NUMBER OF SEQ ID NOS: 4550

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1008

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-745-237A-1008

Query Match 1.4%; Score 12; DB 1; Length 17;

Best Local Similarity 83.3%; Pred. No. 7.6e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 421 TCCGGCTGCCCC 432

:||||:||||

Db 2 UCCGGCUGCCCC 13

RESULT 1554

US-09-745-237A-1195

; Sequence 1195, Application US/09745237A

; Publication No. US20030143708A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

; FILE REFERENCE: 400/007 (MBH00-918-A)

; CURRENT APPLICATION NUMBER: US/09/745,237A

; CURRENT FILING DATE: 2002-04-15

; NUMBER OF SEQ ID NOS: 4550

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1195

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-745-237A-1195

Query Match 1.4%; Score 12; DB 1; Length 17;

Best Local Similarity 83.3%; Pred. No. 7.6e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 421 TCCGGCTGCCCC 432

:||||:||||

Db 5 UCCGGCUGCCCC 16

RESULT 1555

US-09-745-237A-1524

; Sequence 1524, Application US/09745237A

; Publication No. US20030143708A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease

; FILE REFERENCE: 400/007 (MBH00-918-A)

; CURRENT APPLICATION NUMBER: US/09/745,237A

; CURRENT FILING DATE: 2002-04-15

; NUMBER OF SEQ ID NOS: 4550

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1524

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-745-237A-1524

Query Match 1.4%; Score 12; DB 1; Length 17;

Best Local Similarity 83.3%; Pred. No. 7.6e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 421 TCCGGCTGCCCC 432

:||||:||||

Db 6 UCCGGCUGCCCC 17

RESULT 1556

US-09-817-879-798

; Sequence 798, Application US/09817879

; Publication No. US20030171311A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: 400/007 (MBH00-918-A)

; CURRENT APPLICATION NUMBER: US/09/817,879

; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9703

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 798

; LENGTH: 17

; TYPE: RNA

; ORGANISM: artificial sequence

; FEATURE:

; NAME/KEY: misc\_feature

; LOCATION:

; OTHER INFORMATION: oligonucleotide substrate

US-09-817-879-798

Query Match 1.4%; Score 12; DB 1; Length 17;

Best Local Similarity 83.3%; Pred. No. 7.6e+02;

Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 794 ACTGCAGGACTG 805

:||||:||||

Db 6 ACUGCAGGACUG 17

RESULT 1557

US-09-817-879-799

; Sequence 799, Application US/09817879

; Publication No. US20030171311A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.

```
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-799

Query Match          1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      794 ACTGCAGGACTG 805
Db      1 ACUCAGGACUG 12

RESULT 1558
US-09-817-879-3757/c
; Sequence 3757, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3757
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3757

Query Match          1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      794 ACTGCAGGACTG 805
Db      13 ACTGCAGGACTG 2

RESULT 1559
US-10-041-856-37/c
; Sequence 37, Application US/10041856
; Publication No. US20020169299A1
; GENERAL INFORMATION:
; APPLICANT: SLAUGENHAUPT, SUSAN
; APPLICANT: GUSELLA, JAMES F.
; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL
; TITLE OF INVENTION: DYSAUTONOMIA
; FILE REFERENCE: 1829-4004US1
; CURRENT APPLICATION NUMBER: US/10/041,856
; CURRENT FILING DATE: 2002-07-08
; PRIOR APPLICATION NUMBER: 60/260,080
; PRIOR FILING DATE: 2001-01-06
; NUMBER OF SEQ ID NOS: 88
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Mus sp.
US-10-041-856-37

Query Match          1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      912 TCAAAAGACAGC 923
Db      14 TCAAAAGACAGC 3

RESULT 1560
US-10-138-316-7/c
; Sequence 7, Application US/10138316
; Publication No. US20030054380A1
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; FILE REFERENCE: 2323-162
; CURRENT APPLICATION NUMBER: US/10/138,316
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: 09/444,295
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/135,020
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-138-316-7

Query Match          1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      485 TCCTCAGGATCT 496
Db      13 TCCTCAGGATCT 2

RESULT 1561
US-10-060-998-593/c
; Sequence 593, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
```

; PRIOR APPLICATION NUMBER: US 60/343,331  
 ; PRIOR FILING DATE: 2001-12-21  
 ; NUMBER OF SEQ ID NOS: 3056  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; SEQ ID NO 593  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-060-998-593

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
 |||||  
 Db 17 AGGAGATGGCAG 6

RESULT 1562  
 US-10-060-998-594/c  
 ; Sequence 594, Application US/10060998  
 ; Publication No. US20030104530A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
 ; FILE REFERENCE: PB01108  
 ; CURRENT APPLICATION NUMBER: US/10/060,998  
 ; CURRENT FILING DATE: 2002-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: US 09/864,761  
 ; PRIOR FILING DATE: 2001-05-23  
 ; PRIOR APPLICATION NUMBER: US 60/343,331  
 ; PRIOR FILING DATE: 2001-12-21  
 ; NUMBER OF SEQ ID NOS: 3056  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; SEQ ID NO 594  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-060-998-594

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
 |||||  
 Db 16 AGGAGATGGCAG 5

RESULT 1563  
 US-10-060-998-595/c  
 ; Sequence 595, Application US/10060998  
 ; Publication No. US20030104530A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN.1  
 ; FILE REFERENCE: PB01108  
 ; CURRENT APPLICATION NUMBER: US/10/060,998  
 ; CURRENT FILING DATE: 2002-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: US 09/864,761  
 ; PRIOR FILING DATE: 2001-05-23  
 ; PRIOR APPLICATION NUMBER: US 60/343,331  
 ; PRIOR FILING DATE: 2001-12-21  
 ; NUMBER OF SEQ ID NOS: 3056  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; SEQ ID NO 595  
 ; LENGTH: 17  
 ; TYPE: DNA

; ORGANISM: Homo sapiens  
 US-10-060-998-595

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
 |||||  
 Db 15 AGGAGATGGCAG 4

RESULT 1564  
 US-10-060-998-596/c  
 ; Sequence 596, Application US/10060998  
 ; Publication No. US20030104530A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
 ; FILE REFERENCE: PB01108  
 ; CURRENT APPLICATION NUMBER: US/10/060,998  
 ; CURRENT FILING DATE: 2002-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: US 09/864,761  
 ; PRIOR FILING DATE: 2001-05-23  
 ; PRIOR APPLICATION NUMBER: US 60/343,331  
 ; PRIOR FILING DATE: 2001-12-21  
 ; NUMBER OF SEQ ID NOS: 3056  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; SEQ ID NO 596  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-060-998-596

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
 |||||  
 Db 14 AGGAGATGGCAG 3

RESULT 1565  
 US-10-060-998-597/c  
 ; Sequence 597, Application US/10060998  
 ; Publication No. US20030104530A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
 ; FILE REFERENCE: PB01108  
 ; CURRENT APPLICATION NUMBER: US/10/060,998  
 ; CURRENT FILING DATE: 2002-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: US 09/864,761  
 ; PRIOR FILING DATE: 2001-05-23  
 ; PRIOR APPLICATION NUMBER: US 60/343,331  
 ; PRIOR FILING DATE: 2001-12-21  
 ; NUMBER OF SEQ ID NOS: 3056  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; SEQ ID NO 597  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-060-998-597

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
| | | | | | | | | |  
Db 13 AGGAGATGGCAG 2

## RESULT 1566

US-10-060-998-598/c  
; Sequence 598, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: P801108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; PRIOR FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 598  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-598

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
| | | | | | | | | |  
Db 12 AGGAGATGGCAG 1

## RESULT 1567

US-10-156-306-4969  
; Sequence 4969, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4969  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-4969

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 91.7%; Pred. No. 7.6e+02;  
Matches 13; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 407 GCTCCAGCAGGC 418  
| | | | | | | | | |  
Db 1 GCUCCAGCAGGC 12

## RESULT 1568

US-10-238-700-3213/c  
; Sequence 3213, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MBH01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3213  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-3213

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 517 TGGCATTGGGA 528  
| | | | | | | | | |  
Db 14 TGGCATTGGGA 3

## RESULT 1569

US-10-238-700-3214/c  
; Sequence 3214, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MBH01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3214  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-3214

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 517 TGGCATTGGGA 528  
| | | | | | | | | |  
Db 12 TGGCATTGGGA 1

## RESULT 1570

US-10-371-066-22/c  
; Sequence 22, Application US/10371066  
; Publication No. US20030162214A1  
; GENERAL INFORMATION:  
; APPLICANT: Heller, Michael J.; and Tu, Eugene  
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING  
; MICROELECTRONIC SYSTEMS AND DEVICES FOR  
; MOLECULAR BIOLOGICAL ANALYSIS AND  
; DIAGNOSTICS  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 611 West Sixth Street  
; CITY: Los Angeles

STATE: California  
 COUNTRY: USA  
 ZIP: 90017  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 COMPUTER: IBM compatible  
 OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
 SOFTWARE: WordPerfect (Version 5.1)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/10/371,066  
 FILING DATE: 21-Feb-2003  
 CLASSIFICATION: <Unknown>  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/146,504  
 FILING DATE: No. US20030162214A1ember 1, 1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 203/218  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 22:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 22:  
 US-10-371-066-22

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGAGAGAGAG 782  
 DB 17 CTGAGAGAGAG 6

RESULT 1571  
 US-10-339-782-449  
 Sequence 449, Application US/10339782  
 Publication No. US20030166026A1  
 GENERAL INFORMATION:  
 APPLICANT: Lynx Therapeutics, Inc.  
 APPLICANT: Goodman, Laurie J.  
 APPLICANT: Bowen, Benjamin A.  
 TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells  
 FILE REFERENCE: 37-000110US  
 CURRENT APPLICATION NUMBER: US/10/339,782  
 CURRENT FILING DATE: 2003-01-08  
 NUMBER OF SEQ ID NOS: 495  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 449  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-339-782-449

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 196 TCAGTTTCTCG 207  
 DB 5 TCAGTTTCTCG 16

RESULT 1572  
 US-10-368-643-7/c  
 Sequence 7, Application US/10368643

Publication No. US20030170708A1  
 GENERAL INFORMATION:  
 APPLICANT: Keating, Mark T.  
 APPLICANT: Sanguinetti, Michael C.  
 APPLICANT: Curran, Mark E.  
 APPLICANT: Landes, Gregory M.  
 APPLICANT: Connors, Timothy D.  
 APPLICANT: Burn, Timothy C.  
 APPLICANT: Splawski, Igor  
 TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE  
 FILE REFERENCE: 2323-163  
 CURRENT APPLICATION NUMBER: US/10/368,643  
 CURRENT FILING DATE: 2003-02-20  
 PRIOR APPLICATION NUMBER: US 09/597,731  
 PRIOR FILING DATE: 2000-06-19  
 PRIOR APPLICATION NUMBER: US 09/135,010  
 PRIOR FILING DATE: 1998-08-17  
 PRIOR APPLICATION NUMBER: US 60/094,477  
 PRIOR FILING DATE: 1998-07-29  
 PRIOR APPLICATION NUMBER: US 08/921,068  
 PRIOR FILING DATE: 1997-08-29  
 PRIOR APPLICATION NUMBER: US 08/739,383  
 PRIOR FILING DATE: 1996-10-29  
 PRIOR APPLICATION NUMBER: US 60/019,014  
 PRIOR FILING DATE: 1995-12-22  
 NUMBER OF SEQ ID NOS: 116  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 7  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-368-643-7

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496  
 DB 13 TCCTCAGGATCT 2

RESULT 1573  
 US-10-339-793-20/c  
 Sequence 20, Application US/10339793  
 Publication No. US20030180764A1  
 GENERAL INFORMATION:  
 APPLICANT: Lynx Therapeutics, Inc.  
 APPLICANT: Shang, Jin  
 APPLICANT: Bowen, Benjamin  
 TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS  
 FILE REFERENCE: 37-000310US  
 CURRENT APPLICATION NUMBER: US/10/339,793  
 CURRENT FILING DATE: 2003-01-08  
 NUMBER OF SEQ ID NOS: 443  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 20  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-339-793-20

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 855 CCCACTGGTGAT 866  
 DB 13 CCCACTGGTGAT 2

RESULT 1574  
 US-10-170-172-22/c



```
; Sequence 22, Application US/10170172
; Publication No. US20030190632A1
; GENERAL INFORMATION:
; APPLICANT: SOSNORSKI, RONALD G
; APPLICANT: BUTLER, WILLIAM F
; APPLICANT: TU, EUGENE
; APPLICANT: NERENBERG, MICHAEL I
; APPLICANT: HELLER, MICHAEL J
; APPLICANT: EDMAN, CARL F
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
; CURRENT APPLICATION NUMBER: US/10/170,172
; CURRENT FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: US/08/986,065
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Human
US-10-170-172-22

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAGAG 782
DB 17 CTGGAGAGAG 6

RESULT 1575
US-10-712-672-847/c
; Sequence 847, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBH00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR FILING DATE: 2000-04-14
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 847
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-847

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 471 CAGGAAGTGGC 482
DB 17 CAGGAAGTGGC 6

RESULT 1576
US-10-712-672-1835
; Sequence 53, Application US/09880732
```

```
; Sequence 1835, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBH00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR FILING DATE: 2000-04-14
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1835
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-1835

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 381 GTCCTGCTGGCG 392
DB 1 GUCCUGUGGCG 12

RESULT 1577
US-10-712-672-2779
; Sequence 2779, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBH00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR FILING DATE: 2000-04-14
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2779
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-2779

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 41.7%; Pred. No. 7.6e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 929 TTTCAGGTTTG 940
DB 4 UUCAGGUUUUG 15

RESULT 1578
US-09-880-732-53/c
; Sequence 53, Application US/09880732
```

```
Patent No. US20020127561A1
; GENERAL INFORMATION:
; APPLICANT: GENICON SCIENCES CORPORATION
; APPLICANT: BEE, Gary
; APPLICANT: KOHNE, David E.
; APPLICANT: KOBE, Linda
; APPLICANT: PETERSON, Todd
; APPLICANT: YGUERABIDE, Juan
; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE
; FILE REFERENCE: 089498/0403
; CURRENT APPLICATION NUMBER: US/09/880,732
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US 60/210,988
; PRIOR FILING DATE: 2000-06-12
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection
US-09-880-732-53

Query Match      1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCCTGCTCCAGC 414
DB 12 CCCTGCTCCAGC 1

RESULT 1579
US-09-954-314-29
; Sequence 29, Application US/09954314
; Patent No. US20020127666A1
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E.
; APPLICANT: Brzostowicz, Patricia C.
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES
; FILE REFERENCE: BC1001 US NA
; CURRENT APPLICATION NUMBER: US/09/954,314
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/120,702
; PRIOR FILING DATE: 1999-February-19
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; NAME/KEY: unsure
; LOCATION: (5)
; OTHER INFORMATION: m stands for nucleotide base A or C
; NAME/KEY: unsure
; LOCATION: (17)
; OTHER INFORMATION: w stands for nucleotide base A or T
US-09-954-314-29

Query Match      1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 8.2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 723 CAGGAGCTCGGTA 736
DB 1 CAGGAGCTCGGTA 14

RESULT 1580
```

```
US-09-904-968A-79
; Sequence 79, Application US/09904968A
; Publication No. US20030008288A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: GERMINGO, Gregory
; APPLICANT: WATNICK, Terry
; APPLICANT: PHAKDEKITCHAROEN, Buiyong
; TITLE OF INVENTION: DETECTION AND TREATMENT OF POLYCYSTIC KIDNEY DISEASE
; FILE REFERENCE: JHU1680-2
; CURRENT APPLICATION NUMBER: US/09/904,968A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/283,691
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/218,261
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 79
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer 15R10
US-09-904-968A-79
```

```
Query Match      1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 668 GCTGAAGCTCAC 679
DB 2 GCTGAAGCTCAC 13
```

```
RESULT 1581
US-09-738-444A-10/c
; Sequence 10, Application US/09738444A
; Publication No. US20030022317A1
; GENERAL INFORMATION:
; APPLICANT: Jack, William E.
; APPLICANT: Schildkraut, Ira
; APPLICANT: Menin, Julie F.
; APPLICANT: Greenough, Lucia
; TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create
; TITLE OF INVENTION: Single-Stranded Regions And Applications Thereof
; FILE REFERENCE: NEB-180
; CURRENT APPLICATION NUMBER: US/09/738,444A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-738-444A-10
```

```
Query Match      1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 317 AGACTGCACAGA 328
DB 15 AGACTGCACAGA 4
```

```
RESULT 1582
US-09-912-014-8
; Sequence 8, Application US/09912014
; Publication No. US2003005929A1
```



Best Local Similarity 100.0%; Pred. No. 8.2e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 641 CTCCTGCAACC 652  
Db 17 CTCCTGCAACC 6

RESULT 1586  
US-10-244-367-25  
; Sequence 25, Application US/10244367  
; Publication No. US20030113773A1  
; GENERAL INFORMATION:  
; APPLICANT: Mikoshiba, Katsuhiko  
; APPLICANT: Aruga, Jun  
; APPLICANT: Nagai, Takeharu  
; APPLICANT: Katsumori, Nakata  
; TITLE OF INVENTION: Neurogenesis Inducing Gene  
; FILE REFERENCE: HIRAKI-03814  
; CURRENT APPLICATION NUMBER: US/10/244,367  
; CURRENT FILING DATE: 2002-09-16  
; PRIOR APPLICATION NUMBER: US/09/342,325  
; PRIOR FILING DATE: 1999-06-30  
; PRIOR APPLICATION NUMBER: JP98/86979  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: JP98/121456  
; PRIOR FILING DATE: 1998-04-30  
; PRIOR APPLICATION NUMBER: 09/172,045  
; PRIOR FILING DATE: 1998-09-28  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 25  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-244-367-25

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 8.2e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 840 ACCAGACACAG 851  
Db 2 ACCAGACACAG 13  
RESULT 1587  
US-10-230-562-29  
; Sequence 29, Application US/10230562  
; Publication No. US20030113886A1  
; GENERAL INFORMATION:  
; APPLICANT: Rouviere, Pierre E  
; APPLICANT: Brzostowicz, Patricia C  
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID  
; FILE REFERENCE: BC-1001  
; CURRENT APPLICATION NUMBER: US/10/230,562  
; CURRENT FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: 60/120,702  
; PRIOR FILING DATE: 1999-02-19  
; NUMBER OF SEQ ID NOS: 49  
; SOFTWARE: Microsoft Office 97  
; SEQ ID NO 29  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
; NAME/KEY: unsure  
; LOCATION: (5)

OTHER INFORMATION: m stands for nucleotide base A or C  
FEATURE:  
NAME/KEY: unsure  
LOCATION: (17)  
OTHER INFORMATION: w stands for nucleotide base A or T  
US-10-230-562-29

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 85.7%; Pred. No. 8.2e+02; Mismatches 1; Indels 0; Gaps 0;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
QY 723 CAGGAGCTGCCGTA 736  
Db 1 CAGGAGCTGCCGTA 14

RESULT 1588  
US-10-230-026-51  
; Sequence 51, Application US/10230026  
; Publication No. US20030124695A1  
; GENERAL INFORMATION:  
; APPLICANT: MICHAEL G. BRAMUCCI  
; APPLICANT: PATRICIA C. BRZOSTOWICZ  
; APPLICANT: KRISTY N. KOSTICHKA  
; APPLICANT: VASANTHA NAGARAJAN  
; APPLICANT: PIERRE E. ROUVIERE  
; APPLICANT: STUART W. THOMAS  
; TITLE OF INVENTION: GENES ENCODING BAEYER-VILLIGER MONOOXYGENASES  
; FILE REFERENCE: CL1789 US NA  
; CURRENT APPLICATION NUMBER: US/10/230,026  
; CURRENT FILING DATE: 2002-08-28  
; PRIOR APPLICATION NUMBER: 60/315,546  
; PRIOR FILING DATE: 2001-08-29  
; NUMBER OF SEQ ID NOS: 113  
; SOFTWARE: Microsoft Office 97  
; SEQ ID NO 51  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-230-026-51

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 85.7%; Pred. No. 8.2e+02; Mismatches 1; Indels 0; Gaps 0;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 723 CAGGAGCTGCCGTA 736  
Db 1 CAGGAGCTGCCGTA 14

RESULT 1589  
US-10-083-246A-99  
; Sequence 99, Application US/10083246A  
; Publication No. US20030152936A1  
; GENERAL INFORMATION:  
; APPLICANT: Athena Diagnostics  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNEY  
; FILE REFERENCE: 1133/2002  
; CURRENT APPLICATION NUMBER: US/10/083,246A  
; CURRENT FILING DATE: 2002-10-15  
; NUMBER OF SEQ ID NOS: 168  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 99  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(18)  
; OTHER INFORMATION: Synthetic primer

US-10-083-246A-99

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 8.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 GCTGAAGCTCAC 679  
| | | | | | | | | | | | | | | | | |  
Db 2 GCTGAAGCTCAC 13

RESULT 1590  
US-10-371-066-8  
Sequence 8, Application US/10371066  
Publication No. US20030162214A1  
GENERAL INFORMATION:  
APPLICANT: Heller, Michael J.; and Tu, Eugene  
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND DIAGNOSTICS  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/371,066  
FILING DATE: 21-Feb-2003  
CLASSIFICATION: <unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/146,504  
FILING DATE: No. US20030162214A1  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 203/218  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 8.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAAGAG 782  
| | | | | | | | | | | | | | | | | |  
Db 1 CTGGAGAAGAG 12

RESULT 1591  
US-10-108-732-47/c  
Sequence 47, Application US/10108732  
Publication No. US20030175721A1  
GENERAL INFORMATION:  
APPLICANT: Box, Neil F

APPLICANT: Duffy, David L  
APPLICANT: Hayward, Nicholas K  
APPLICANT: Martin, Nicholas G  
APPLICANT: Sturm, Richard A  
APPLICANT: Gruis, Nello A  
APPLICANT: Van Der Velde, Pieter  
APPLICANT: Bergman, Wilma  
APPLICANT: Frants, Rune R  
TITLE OF INVENTION: MELANOMA RISK DETECTION  
FILE REFERENCE: 8795-27U1  
CURRENT APPLICATION NUMBER: US/10/108,732  
CURRENT FILING DATE: 2002-03-28  
PRIOR APPLICATION NUMBER: US 60/279,515  
PRIOR FILING DATE: 2001-03-28  
NUMBER OF SEQ ID NOS: 76  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 47  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: hmsr C-inner sequencing primer 2  
US-10-108-732-47

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 8.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 148 CTGCAGCTCCAT 159  
| | | | | | | | | | | | | | | | | |  
Db 12 CTGCAGCTCCAT 1

RESULT 1592  
US-10-170-172-8  
Sequence 8, Application US/10170172  
Publication No. US20030190632A1  
GENERAL INFORMATION:  
APPLICANT: SOSNOWSKI, RONALD G  
APPLICANT: BUTLER, WILLIAM F  
APPLICANT: TU, EUGENE  
APPLICANT: NERENBERG, MICHAEL I  
APPLICANT: HELLER, MICHAEL J  
APPLICANT: EDMAN, CARL F  
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS, METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL ANALYSIS AND DIAGNOSTICS  
TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS  
FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194  
CURRENT APPLICATION NUMBER: US/10/170,172  
CURRENT FILING DATE: 2002-06-11  
PRIOR APPLICATION NUMBER: US/08/986,065  
PRIOR FILING DATE: 1997-12-05  
NUMBER OF SEQ ID NOS: 55  
SOFTWARE: Patent in Ver. 2.0  
SEQ ID NO 8  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Human  
FEATURE:  
NAME/KEY: rRNA  
LOCATION: (18)  
OTHER INFORMATION: Synthesized with U at 3' terminus to provide  
OTHER INFORMATION: ribonucleic acid base for reactivity  
US-10-170-172-8

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 8.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAAGAG 782  
| | | | | | | | | | | | | | | | | |  
Db 1 CTGGAGAAGAG 12

RESULT 1593  
US-10-388-263-226  
; Sequence 226, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsert, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasmor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Chaehi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 226  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-226

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 8.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 220 CTCACAGAGTCA 231  
DB 4 CTCACAGAGTCA 15

RESULT 1594  
US-10-138-674-4059  
; Sequence 4059, Application US/10138574  
; Publication No. US20040077565A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/138,674  
; CURRENT FILING DATE: 2002-05-03  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4059  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Mus musculus  
US-10-138-674-4059

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 8.2e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 953 ACAGCTGGGCAG 964  
DB 5 ACAGCTGGGCAG 16

RESULT 1595  
US-10-287-949A-4059  
; Sequence 4059, Application US/10287949A  
; Publication No. US20040102389A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/287,949A  
; CURRENT FILING DATE: 2003-04-11  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4059  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Mus musculus  
US-10-287-949A-4059

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 8.2e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 953 ACAGCTGGGCAG 964  
DB 5 ACAGCTGGGCAG 16

RESULT 1596  
US-09-792-818-391  
; Sequence 391, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insert  
; TITLE OF INVENTION: (GRID) Gene  
; FILE REFERENCE: MHB00-901-A (400/013)  
; CURRENT APPLICATION NUMBER: US/09/792,818  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 391  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-792-818-391

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 8.4e+02;  
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
QY 556 CCCACACGACGGAT 570  
DB 3 CCCACACGACGGAT 17

RESULT 1597  
US-10-280-183A-538/c  
; Sequence 538, Application US/10280183A  
; Publication No. US20040081964A1  
; GENERAL INFORMATION:  
; APPLICANT: Pfizer Inc.  
; APPLICANT: Bachmanov, Alexander A

;	NUMBER OF SEQ ID NOS:	79			
;	SEQ ID NO 68				
;	LENGTH: 20				
;	TYPE: DNA				
;	ORGANISM: H. sapiens				
;	FEATURE:				
US-10-175-239-68					
Query Match            1.4%; Score 11.8; DB 1; Length 20;					
Best Local Similarity 86.7%; Pred. No. 1e+03;					
Matches	13;	Conservative	0;	Mismatches	2; Indels 0; Gaps 0;
OY	553	TAGCCCAACAGCAGG	567		
DB	17	TTGCCCATCAGCAGG	3		
RESULT 1600					
US-10-175-239-34					
;	Sequence 34,	Application US/10175239			
;	Publication No.	US20030232774A1			
;	GENERAL INFORMATION:				
;	APPLICANT: C. Frank Bennett				
;	TITLE OF INVENTION: ANTISENSE MODULATION OF PROFILIN 1 EXPRESSION				
;	FILE REFERENCE: HTS-0017				
;	CURRENT APPLICATION NUMBER: US/10/175,239				
;	CURRENT FILING DATE: 2002-06-17				
;	NUMBER OF SEQ ID NOS: 79				
;	SEQ ID NO 34				
;	LENGTH: 20				
;	TYPE: DNA				
;	ORGANISM: Artificial Sequence				
;	FEATURE:				
;	OTHER INFORMATION: Antisense Oligonucleotide				
US-10-175-239-34					
Query Match            1.4%; Score 11.8; DB 1; Length 20;					
Best Local Similarity 86.7%; Pred. No. 1e+03;					
Matches	13;	Conservative	0;	Mismatches	2; Indels 0; Gaps 0;
OY	553	TAGCCCAACAGCAGG	567		
DB	2	TTGCCCATCAGCAGG	16		
RESULT 1601					
US-10-175-239-69/c					
;	Sequence 69,	Application US/10175239			
;	Publication No.	US20030232774A1			
;	GENERAL INFORMATION:				
;	APPLICANT: C. Frank Bennett				
;	TITLE OF INVENTION: ANTISENSE MODULATION OF PROFILIN 1 EXPRESSION				
;	FILE REFERENCE: HTS-0017				
;	CURRENT APPLICATION NUMBER: US/10/175,239				
;	CURRENT FILING DATE: 2002-06-17				
;	NUMBER OF SEQ ID NOS: 79				
;	SEQ ID NO 69				
;	LENGTH: 20				
;	TYPE: DNA				
;	ORGANISM: H. sapiens				
;	FEATURE:				
US-10-175-239-69					
Query Match            1.4%; Score 11.8; DB 1; Length 20;					
Best Local Similarity 86.7%; Pred. No. 1e+03;					
Matches	13;	Conservative	0;	Mismatches	2; Indels 0; Gaps 0;
OY	553	TAGCCCAACAGCAGG	567		
DB	19	TTGCCCATCAGCAGG	5		

RESULT 1602  
 US-10-380-931-155  
 ; Sequence 155, Application US/10380931  
 ; Publication No. US20030215944A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Isis Pharmaceuticals, Inc.  
 ; APPLICANT: C. Frank Bennett  
 ; APPLICANT: Jacqueline Wyatt  
 ; APPLICANT: Susan M. Freier  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION  
 ; FILE REFERENCE: RTSP-0187  
 ; CURRENT APPLICATION NUMBER: US/10/380,931  
 ; CURRENT FILING DATE: 2003-03-18  
 ; PRIOR APPLICATION NUMBER: 09/676,610  
 ; PRIOR FILING DATE: 2000-09-29  
 ; NUMBER OF SEQ ID NOS: 182  
 ; SEQ ID NO 155  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-10-380-931-155

Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 1.1e+03;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 204 CTGGGTTCCAGCCCTCT 221  
 Db 2 CGGGGTTACATCCATCT 19

RESULT 1603  
 US-10-210-833-100/c  
 ; Sequence 100, Application US/10210833  
 ; Publication No. US20040023383A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Sanjay Bhanot  
 ; APPLICANT: Susan M. Freier  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF RESISTIN EXPRESSION  
 ; FILE REFERENCE: RTS-0396  
 ; CURRENT APPLICATION NUMBER: US/10/210,833  
 ; CURRENT FILING DATE: 2002-07-31  
 ; NUMBER OF SEQ ID NOS: 165  
 ; SEQ ID NO 100  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-10-210-833-100

Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 1.1e+03;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 313 GGAAGACTGCAGAGAAG 330  
 Db 18 GGATAGACTGCAGACGAG 1

RESULT 1604  
 US-10-210-833-159  
 ; Sequence 159, Application US/10210833  
 ; Publication No. US20040023383A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Sanjay Bhanot  
 ; APPLICANT: Susan M. Freier  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF RESISTIN EXPRESSION  
 ; FILE REFERENCE: RTS-0396  
 ; CURRENT APPLICATION NUMBER: US/10/210,833

; CURRENT FILING DATE: 2002-07-31  
 ; NUMBER OF SEQ ID NOS: 165  
 ; SEQ ID NO 159  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: M. musculus  
 ; FEATURE:  
 US-10-210-833-159

Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 1.1e+03;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 313 GGAAGACTGCAGAGAAG 330  
 Db 3 GGATAGACTGCAGACGAG 20

RESULT 1605  
 US-10-160-632-66/c  
 ; Sequence 66, Application US/10160632  
 ; Publication No. US20030176380A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Donna T. Ward  
 ; APPLICANT: Andrew T. Watt  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION  
 ; FILE REFERENCE: RTS-0217  
 ; CURRENT APPLICATION NUMBER: US/10/160,632  
 ; CURRENT FILING DATE: 2002-05-31  
 ; PRIOR APPLICATION NUMBER: US/09/853,768  
 ; PRIOR FILING DATE: 2001-05-10  
 ; NUMBER OF SEQ ID NOS: 91  
 ; SEQ ID NO 66  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-10-160-632-66

Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 1.1e+03;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 825 GGTGCTGAAGCTGGTACC 842  
 Db 18 GGGGCTGAGGTGCTCCC 1

RESULT 1606  
 US-10-083-246A-25/c  
 ; Sequence 25, Application US/10083246A  
 ; Publication No. US20030152936A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Athena Diagnostics  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNEY  
 ; FILE REFERENCE: 1133/2002  
 ; CURRENT APPLICATION NUMBER: US/10/083,246A  
 ; CURRENT FILING DATE: 2002-10-15  
 ; NUMBER OF SEQ ID NOS: 168  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 25  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; LOCATION: (1)..(21)  
 ; OTHER INFORMATION: Synthetic primer  
 US-10-083-246A-25

Query Match 1.4%; Score 11.6; DB 1; Length 21;



Best Local Similarity 77.8%; Pred. No. 1.2e+03; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 4;

Qy 183 CACAGTGGCGGTCAGTCACT 200  
||||| ||| |||||  
Db 20 CACAGGGGCTCAGTCACT 3

RESULT 1607

US-09-866-108-13275  
; Sequence 13275, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US 60/207,456  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aemica Sequence Listing Engine  
; SEQ ID NO 13275  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-13275

Query Match 1.4%; Score 11.6; DB 1; Length 25;  
Best Local Similarity 77.8%; Pred. No. 1.4e+03;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 399 CACACCCCTGCTCCAGCAG 416  
||||| ||| |||||  
Db 4 CACAGCCAGCTGGAGCAG 21

RESULT 1608

US-09-866-108-13275

Sequence 13276, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEMICA-7  
CURRENT APPLICATION NUMBER: US 60/236,359  
CURRENT FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aemica Sequence Listing Engine  
SEQ ID NO 13276  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-13276

Query Match 1.4%; Score 11.6; DB 1; Length 25;  
Best Local Similarity 77.8%; Pred. No. 1.4e+03;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 399 CACACCCCTGCTCCAGCAG 416  
||||| ||| |||||  
Db 3 CACAGCCAGCTGGAGCAG 20

RESULT 1609

US-09-866-108-13277  
; Sequence 13277, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: US 60/234,687  
 ; PRIOR FILING DATE: 2000-09-21  
 ; PRIOR APPLICATION NUMBER: US 60/266,860  
 ; PRIOR FILING DATE: 2001-02-05  
 ; NUMBER OF SEQ ID NOS: 15752  
 ; SOFTWARE: Aemica Sequence Listing Engine  
 ; SEQ ID NO 13277  
 ; LENGTH: 25  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108-13277

Query Match 1.4%; Score 11.6; DB 1; Length 25;  
 Best Local Similarity 77.8%; Pred. No. 1.4e+03;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGCAG 416  
 ||||| ||||| ||||| |||||  
 Db 2 CACAGCCAGCTGGAGCAG 19

RESULT 1610  
 US-10-061-201-1797/c  
 ; Sequence 1797, Application US/10061201  
 ; Publication No. US20030166229A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shannon, Mark  
 ; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
 ; FILE REFERENCE: PB0178  
 ; CURRENT APPLICATION NUMBER: US/10/061,201  
 ; CURRENT FILING DATE: 2002-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: US 09/864,761  
 ; PRIOR FILING DATE: 2001-05-23  
 ; PRIOR APPLICATION NUMBER: US 60/328,205  
 ; PRIOR FILING DATE: 2001-10-10  
 ; NUMBER OF SEQ ID NOS: 4162  
 ; SOFTWARE: Aemica Sequence Listing Engine  
 ; SEQ ID NO 1797  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-10-061-201-1797

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 1e+03;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 658 TTCTATGCGCT 670  
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 Db 15 TTCTATGCTGCT 3

## RESULT 1611

US-09-915-814-116/c  
 ; Sequence 116, Application US/09915814  
 ; Publication No. US20030096771A1

## GENERAL INFORMATION:

; APPLICANT: Madeline M. Butler  
 ; APPLICANT: Andrew T. Watt  
 ; APPLICANT: Susan M. Freier  
 ; APPLICANT: Jacqueline Wyatt  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION  
 ; FILE REFERENCE: ISPH-0587  
 ; CURRENT APPLICATION NUMBER: US/09/915,814  
 ; CURRENT FILING DATE: 2001-07-26  
 ; NUMBER OF SEQ ID NOS: 230  
 ; SEQ ID NO 116  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 ; US-09-915-814-116

Query Match 1.4%; Score 11.4; DB 1; Length 20;  
 Best Local Similarity 92.3%; Pred. No. 1.2e+03;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 950 TCACAGCTGGGC 962  
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 Db 16 TCACAGCTGGGC 4

## RESULT 1612

US-09-798-058-13  
 ; Sequence 13, Application US/09798058  
 ; Patent No. US20020098523A1

## GENERAL INFORMATION:

; APPLICANT: Vaughan, Tristan John  
 ; APPLICANT: Wilton, Alison Jane  
 ; APPLICANT: Smith, Stephen  
 ; APPLICANT: Main, Sarah Helen  
 ; TITLE OF INVENTION: Human antibodies against eotaxin and their use  
 ; FILE REFERENCE: 84632-000100  
 ; CURRENT APPLICATION NUMBER: US/09/798,058  
 ; CURRENT FILING DATE: 2001-08-29  
 ; PRIOR APPLICATION NUMBER: US 60/187,246  
 ; PRIOR FILING DATE: 2000-03-03  
 ; NUMBER OF SEQ ID NOS: 20  
 ; SOFTWARE: Patent In Ver. 2.1

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; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-798-058-13

Query Match      1.4%; Score 11.4; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 461 GGAAGAGCTCCAGGAACCTGG 481
DB 1 GGAGGTGCTCTCGAGCAGG 21

RESULT 1613
US-10-220-418-13
; Sequence 13, Application US/10220418
; Publication No. US20040014132A1
; GENERAL INFORMATION:
; APPLICANT: Vaughan, Tristan John
; APPLICANT: Wilton, Allison Jane
; APPLICANT: Smith, Stephen
; APPLICANT: Main, Sarah Helen
; TITLE OF INVENTION: HUMAN ANTIBODIES AGAINST ECOTAXIN AND THEIR USE
; FILE REFERENCE: 84632-000110US
; CURRENT APPLICATION NUMBER: US/10/220,418
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: PCT/GB01/00927
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: US 60/187,246
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-220-418-13

Query Match      1.4%; Score 11.4; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 461 GGAAGAGCTCCAGGAACCTGG 481
DB 1 GGAGGTGCTCTCGAGCAGG 21

RESULT 1614
US-09-870-956-48/c
; Sequence 48, Application US/09870956
; Patent No. US20020127669A1
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; APPLICANT: Rutgers, The State University of New Jersey
; TITLE OF INVENTION: No. US20020127669A1el Compositions for the Expression of the Huma
; TITLE OF INVENTION: Histidine Transporter 1 and Methods of Use Thereof
; FILE REFERENCE: Rutgers 00-0126
; CURRENT APPLICATION NUMBER: US/09/870,956
; CURRENT FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-956-48

Query Match      1.4%; Score 11.4; DB 1; Length 27;
Best Local Similarity 92.3%; Pred. No. 1.5e+03;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 555 GCCCAACAGCAGG 567
DB 19 GCCCACCAGCAGG 7

RESULT 1615
US-10-712-672-1184/c
; Sequence 1184, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBH00-883-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1184
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-1184

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.1e+03;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 665 GCAGCTGAAGCTCACA 680
DB 17 GGAGCTGCAGCACACA 2

RESULT 1616
US-09-866-108-2231
; Sequence 2231, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666

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; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 2231  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-2231

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.1e+03;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 489 CAGGATCTAATGTGAG 504  
|||||  
DB 2 CAGGCTCTCAGTGGAG 17

RESULT 1617  
US-09-866-108-2232/c  
; Sequence 2232, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AROMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 2232  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-2232

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.1e+03;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 CTCGATGAGTCTCG 890  
|||||  
DB 16 CTCGACTGAGACCTG 1

RESULT 1618  
US-09-864-785-1605/c  
; Sequence 1605, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; TITLE OF INVENTION: Levels of NF-kappa B  
; FILE REFERENCE: 400/022 (MBH00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1605  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-1605

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.1e+03;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 721 TTCGAGAGCTGCGTA 736  
|||||  
DB 17 TTCGACAGCTGCTGAA 2

RESULT 1619  
US-09-848-754A-2256/c  
; Sequence 2256, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-1 (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A

; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2256  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-2256

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.le+03;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 206 GGGTTCCTCCAGCCCTCT 221  
Db 16 GGGTTCATCCATCT 1

Search completed: July 29, 2004, 15:58:32  
Job time : 22 secs



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: July 29, 2004, 16:16:56 ; Search time 13 Seconds  
(without alignments)  
3.611 Million cell updates/sec

Title: US-09-904-568-1

Perfect score: 835

Sequence: 1 atctcgtcttggggctgc.....gagtcacagctgggcaggg 835

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 0.5

Searched: 1524 seqs, 28108 residues

Total number of hits satisfying chosen parameters: 3048

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 323 summaries

Database : rge3db.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	16.2	1.9	22	1	ACCESSION:AX763932
2	15.8	1.9	19	1	ACCESSION:BD178777
3	15.8	1.9	19	1	ACCESSION:BD178777
4	15.2	1.8	21	1	ACCESSION:J77353
5	15.2	1.8	23	1	ACCESSION:AX697250
6	15.2	1.8	25	1	ACCESSION:AX147036
7	15	1.8	25	1	ACCESSION:AX650257
8	15	1.8	25	1	ACCESSION:AX650258
9	15	1.8	25	1	ACCESSION:AX650259
10	14.6	1.7	21	1	ACCESSION:AX244168
11	14.6	1.7	23	1	ACCESSION:AX752868
12	14.4	1.7	17	1	ACCESSION:AX272819
13	14.4	1.7	17	1	ACCESSION:AX272820
14	14.4	1.7	17	1	ACCESSION:AX262644
15	14.4	1.7	17	1	ACCESSION:AX262645
16	14.4	1.7	17	1	ACCESSION:AX262648
17	14.4	1.7	17	1	ACCESSION:AX262649
18	14.4	1.7	17	1	ACCESSION:AX262652
19	14.4	1.7	17	1	ACCESSION:AX262653
20	14.2	1.7	20	1	ACCESSION:AX306782
21	14.2	1.7	20	1	ACCESSION:AX298904
22	14.2	1.7	20	1	ACCESSION:E06733
23	14.2	1.7	20	1	ACCESSION:I14209
24	14.2	1.7	20	1	ACCESSION:I22523
25	14.2	1.7	20	1	ACCESSION:I47348
26	14.2	1.7	20	1	ACCESSION:AX613836
27	14	1.7	18	1	ACCESSION:AX352815
28	14	1.7	18	1	ACCESSION:AX352837
29	14	1.7	18	1	ACCESSION:AX362660
30	14	1.7	18	1	ACCESSION:AX362682
31	14	1.7	22	1	ACCESSION:AX817759
32	14	1.7	24	1	ACCESSION:AX49732
33	14	1.7	24	1	ACCESSION:A50155

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C 38	13.8	1.7	17	1	AX272817
C 39	13.8	1.7	17	1	AR158489
C 40	13.8	1.7	17	1	AR195682
C 41	13.8	1.7	17	1	AX213186
C 42	13.8	1.7	20	1	AX280100
C 43	13.8	1.7	20	1	AR086278
C 44	13.8	1.7	20	1	AR176844
C 45	13.6	1.6	20	1	AX611049
C 46	13.6	1.6	20	1	AX203404
C 47	13.6	1.6	20	1	AX611048
C 48	13.6	1.6	17	1	AX272821
C 49	13.4	1.6	19	1	AR240864
C 50	13.4	1.6	19	1	AR240876
C 51	13.4	1.6	20	1	AR5315
C 52	13.4	1.6	21	1	AX095554
C 53	13.2	1.6	18	1	AR188969
C 54	13.2	1.6	18	1	AR324768
C 55	13.2	1.6	19	1	AX131129
C 56	13.2	1.6	19	1	AX131129
C 57	13.2	1.6	19	1	AX131128
C 58	13.2	1.6	19	1	AX130664
C 59	13.2	1.6	20	1	AR038674
C 60	13.2	1.6	20	1	AR121013
C 61	13.2	1.6	20	1	BD272634
C 62	13.2	1.6	20	1	AR314769
C 63	13.2	1.6	22	1	AX58525
C 64	13.2	1.6	22	1	AX698554
C 65	13	1.6	17	1	BD259395
C 66	13	1.6	18	1	AR121114
C 67	13	1.6	18	1	AX754821
C 68	13	1.6	20	1	AX193676
C 69	13	1.6	22	1	AR049587
C 70	13	1.6	22	1	AR130551
C 71	13	1.6	22	1	EL3549
C 72	12.8	1.5	17	1	BD254406
C 73	12.8	1.5	17	1	AX579376
C 74	12.8	1.5	17	1	AR286037
C 75	12.8	1.5	17	1	AR398027
C 76	12.8	1.5	17	1	BD199246
C 77	12.8	1.5	18	1	AX427085
C 78	12.8	1.5	19	1	BD089465
C 79	12.8	1.5	19	1	AB067928
C 80	12.8	1.5	20	1	AR169760
C 81	12.8	1.5	20	1	AX553634
C 82	12.8	1.5	20	1	AR349328
C 83	12.8	1.5	22	1	BD022385
C 84	12.8	1.5	27	1	AX777577
C 85	12.6	1.5	19	1	I21087
C 86	12.6	1.5	19	1	AR265987
C 87	12.6	1.5	20	1	AR266026
C 88	12.6	1.5	20	1	AR163726
C 89	12.6	1.5	20	1	AX487104
C 90	12.6	1.5	21	1	AX095780
C 91	12.6	1.5	21	1	AX2593
C 92	12.6	1.5	21	1	AX096197
C 93	12.6	1.5	21	1	BD144855
C 94	12.6	1.5	22	1	AX763932
C 95	12.6	1.5	22	1	AX139176
C 96	12.4	1.5	15	1	BD013460
C 97	12.4	1.5	15	1	BD013460
C 98	12.4	1.5	17	1	AX733988
C 99	12.4	1.5	17	1	AX733988
C 100	12.4	1.5	17	1	AX735372
C 101	12.4	1.5	17	1	AX736910
C 102	12.4	1.5	17	1	AX783686
C 103	12.4	1.5	17	1	AX783687
C 104	12.4	1.5	17	1	AX783688
C 105	12.4	1.5	23	1	AX783689
C 106	12.2	1.5	17	1	AX752868
C 107	12.2	1.5	17	1	AR286312

C 107	12.2	1.5	17	1	AR398302	ACCESSION:AR398302	C 180	11.8	1.4	17	1	AX690596	ACCESSION:AX690596
C 108	12.2	1.5	17	1	AR402305	ACCESSION:AR402305	C 181	11.8	1.4	17	1	AX690597	ACCESSION:AX690597
C 109	12.2	1.5	17	1	AX272822	ACCESSION:AX272822	C 182	11.8	1.4	17	1	AX272822	ACCESSION:AX272822
C 110	12.2	1.5	17	1	AX422669	ACCESSION:AX422669	C 183	11.8	1.4	17	1	AX530985	ACCESSION:AX530985
C 111	12.2	1.5	17	1	BD067805	ACCESSION:BD067805	C 184	11.8	1.4	17	1	AX530986	ACCESSION:AX530986
C 112	12.2	1.5	17	1	AX218185	ACCESSION:AX218185	C 185	11.8	1.4	17	1	AX693203	ACCESSION:AX693203
C 113	12.2	1.5	17	1	AX760076	ACCESSION:AX760076	C 186	11.8	1.4	17	1	AX693204	ACCESSION:AX693204
C 114	12.2	1.5	17	1	BD104458	ACCESSION:BD104458	C 187	11.8	1.4	17	1	AX693205	ACCESSION:AX693205
C 115	12.2	1.5	17	1	AR286233	ACCESSION:AR286233	C 188	11.8	1.4	17	1	AX922649	ACCESSION:AX922649
C 116	12.2	1.5	17	1	AR329037	ACCESSION:AR329037	C 189	11.8	1.4	17	1	AR039873	ACCESSION:AR039873
C 117	12.2	1.5	17	1	AR398223	ACCESSION:AR398223	C 190	11.8	1.4	17	1	AX273048	ACCESSION:AX273048
C 118	12.2	1.5	17	1	AR401953	ACCESSION:AR401953	C 191	11.8	1.4	17	1	AX217865	ACCESSION:AX217865
C 119	12.2	1.5	17	1	AX118630	ACCESSION:AX118630	C 192	11.8	1.4	17	1	AX530984	ACCESSION:AX530984
C 120	12.2	1.5	17	1	AX499389	ACCESSION:AX499389	C 193	11.8	1.4	17	1	AX201312	ACCESSION:AX201312
C 121	12.2	1.5	17	1	AX671655	ACCESSION:AX671655	C 194	11.8	1.4	17	1	AX687553	ACCESSION:AX687553
C 122	12.2	1.5	17	1	AX696666	ACCESSION:AX696666	C 195	11.8	1.4	17	1	AX729841	ACCESSION:AX729841
C 123	12.2	1.5	17	1	AX723369	ACCESSION:AX723369	C 196	11.8	1.4	17	1	AX753815	ACCESSION:AX753815
C 124	12.2	1.5	17	1	AX751067	ACCESSION:AX751067	C 197	11.8	1.4	17	1	AX757723	ACCESSION:AX757723
C 125	12.2	1.5	17	1	BD067453	ACCESSION:BD067453	C 198	11.8	1.4	17	1	AX273047	ACCESSION:AX273047
C 126	12.2	1.5	17	1	AR292992	ACCESSION:AR292992	C 199	11.8	1.4	17	1	AX659619	ACCESSION:AX659619
C 127	12.2	1.5	18	1	AX282820	ACCESSION:AX282820	C 200	11.8	1.4	18	1	A26386	ACCESSION:A26386
C 128	12.2	1.5	18	1	BD104004	ACCESSION:BD104004	C 201	11.8	1.4	18	1	AR160830	ACCESSION:AR160830
C 129	12.2	1.5	18	1	BD104028	ACCESSION:BD104028	C 202	11.8	1.4	18	1	AX427087	ACCESSION:AX427087
C 130	12.2	1.5	18	1	I43737	ACCESSION:I43737	C 203	11.8	1.4	18	1	AX201311	ACCESSION:AX201311
C 131	12.2	1.5	18	1	I43771	ACCESSION:I43771	C 204	11.8	1.4	18	1	AX659618	ACCESSION:AX659618
C 132	12.2	1.5	18	1	AR266231	ACCESSION:AR266231	C 205	11.8	1.4	19	1	AR220139	ACCESSION:AR220139
C 133	12.2	1.5	18	1	AR119500	ACCESSION:AR119500	C 206	11.8	1.4	19	1	AX201306	ACCESSION:AX201306
C 134	12.2	1.5	19	1	AR016651	ACCESSION:AR016651	C 207	11.8	1.4	19	1	I21087	ACCESSION:I21087
C 135	12.2	1.5	19	1	AR110274	ACCESSION:AR110274	C 208	11.8	1.4	20	1	AX298904	ACCESSION:AX298904
C 136	12.2	1.5	19	1	BD270094	ACCESSION:BD270094	C 209	11.8	1.4	20	1	AR268292	ACCESSION:AR268292
C 137	12.2	1.5	19	1	AX131128	ACCESSION:AX131128	C 210	11.8	1.4	20	1	AX809471	ACCESSION:AX809471
C 138	12.2	1.5	19	1	BD102523	ACCESSION:BD102523	C 211	11.8	1.4	20	1	AR314250	ACCESSION:AR314250
C 139	12.2	1.5	19	1	AR297604	ACCESSION:AR297604	C 212	11.8	1.4	21	1	AX404467	ACCESSION:AX404467
C 140	12.2	1.5	20	1	AR116423	ACCESSION:AR116423	C 213	11.8	1.4	21	1	AX404468	ACCESSION:AX404468
C 141	12.2	1.5	20	1	AR225885	ACCESSION:AR225885	C 214	11.8	1.4	21	1	BD238059	ACCESSION:BD238059
C 142	12.2	1.5	20	1	BD074580	ACCESSION:BD074580	C 215	11.6	1.4	21	1	AX023963	ACCESSION:AX023963
C 143	12.2	1.5	20	1	AX293652	ACCESSION:AX293652	C 216	11.6	1.4	21	1	BD243930	ACCESSION:BD243930
C 144	12.2	1.5	20	1	AR066717	ACCESSION:AR066717	C 217	11.6	1.4	18	1	AX226473	ACCESSION:AX226473
C 145	12.2	1.5	20	1	AR136566	ACCESSION:AR136566	C 218	11.6	1.4	18	1	AX590584	ACCESSION:AX590584
C 146	12.2	1.5	20	1	AR207157	ACCESSION:AR207157	C 219	11.6	1.4	18	1	AR134308	ACCESSION:AR134308
C 147	12.2	1.5	21	1	I34957	ACCESSION:I34957	C 220	11.6	1.4	18	1	BD238192	ACCESSION:BD238192
C 148	12.2	1.5	21	1	AX096920	ACCESSION:AX096920	C 221	11.6	1.4	18	1	BD104488	ACCESSION:BD104488
C 149	12.2	1.5	21	1	AX154488	ACCESSION:AX154488	C 222	11.6	1.4	19	1	AX082062	ACCESSION:AX082062
C 150	12.2	1.5	21	1	AX203669	ACCESSION:AX203669	C 223	11.6	1.4	19	1	AX082064	ACCESSION:AX082064
C 151	12.2	1.5	23	1	I38905	ACCESSION:I38905	C 224	11.6	1.4	19	1	AR411361	ACCESSION:AR411361
C 152	12.2	1.5	23	1	I87936	ACCESSION:I87936	C 225	11.6	1.4	19	1	AX004623	ACCESSION:AX004623
C 153	12.2	1.4	17	1	AX648753	ACCESSION:AX648753	C 226	11.6	1.4	19	1	AR294645	ACCESSION:AR294645
C 154	12.2	1.4	17	1	AX648754	ACCESSION:AX648754	C 227	11.6	1.4	19	1	AR350089	ACCESSION:AR350089
C 155	12.2	1.4	17	1	AX648755	ACCESSION:AX648755	C 228	11.6	1.4	19	1	AX322567	ACCESSION:AX322567
C 156	12.2	1.4	17	1	AX648756	ACCESSION:AX648756	C 229	11.6	1.4	19	1	AR295244	ACCESSION:AR295244
C 157	12.2	1.4	17	1	AX648757	ACCESSION:AX648757	C 230	11.6	1.4	19	1	AX130775	ACCESSION:AX130775
C 158	12.2	1.4	17	1	AX648758	ACCESSION:AX648758	C 231	11.6	1.4	19	1	AR271769	ACCESSION:AR271769
C 159	12.2	1.4	17	1	AX729345	ACCESSION:AX729345	C 232	11.6	1.4	20	1	AX286800	ACCESSION:AX286800
C 160	12.2	1.4	17	1	AX739164	ACCESSION:AX739164	C 233	11.6	1.4	20	1	AX17234	ACCESSION:AX17234
C 161	12.2	1.4	17	1	AX757743	ACCESSION:AX757743	C 234	11.6	1.4	20	1	AR027617	ACCESSION:AR027617
C 162	12.2	1.4	17	1	AX783690	ACCESSION:AX783690	C 235	11.6	1.4	20	1	AR116542	ACCESSION:AR116542
C 163	12.2	1.4	17	1	AX783691	ACCESSION:AX783691	C 236	11.6	1.4	20	1	AR116542	ACCESSION:AR116542
C 164	12.2	1.4	18	1	AR203413	ACCESSION:AR203413	C 237	11.6	1.4	20	1	AR129648	ACCESSION:AR129648
C 165	12.2	1.4	18	1	AR236673	ACCESSION:AR236673	C 238	11.6	1.4	20	1	BD074699	ACCESSION:BD074699
C 166	12.2	1.4	20	1	AR428805	ACCESSION:AR428805	C 239	11.6	1.4	20	1	BD074699	ACCESSION:BD074699
C 167	12.2	1.4	20	1	AX742820	ACCESSION:AX742820	C 240	11.6	1.4	20	1	AX116443	ACCESSION:AX116443
C 168	12.2	1.4	20	1	BD184225	ACCESSION:BD184225	C 241	11.6	1.4	20	1	E13882	ACCESSION:E13882
C 169	12.2	1.4	20	1	AR126708	ACCESSION:AR126708	C 242	11.6	1.4	20	1	AR199744	ACCESSION:AR199744
C 170	12.2	1.4	20	1	E06124	ACCESSION:E06124	C 243	11.6	1.4	20	1	AR199779	ACCESSION:AR199779
C 171	12.2	1.4	20	1	AR298548	ACCESSION:AR298548	C 244	11.6	1.4	20	1	BD074600	ACCESSION:BD074600
C 172	12.2	1.4	20	1	AR311424	ACCESSION:AR311424	C 245	11.6	1.4	20	1	BD177732	ACCESSION:BD177732
C 173	12.2	1.4	20	1	AX293555	ACCESSION:AX293555	C 246	11.6	1.4	20	1	BD178762	ACCESSION:BD178762
C 174	12.2	1.4	20	1	AR014085	ACCESSION:AR014085	C 247	11.6	1.4	21	1	AR043936	ACCESSION:AR043936
C 175	12.2	1.4	20	1	AR111847	ACCESSION:AR111847	C 248	11.6	1.4	21	1	AR073469	ACCESSION:AR073469
C 176	12.2	1.4	22	1	A26187	ACCESSION:A26187	C 249	11.6	1.4	21	1	I93340	ACCESSION:I93340
C 177	12.2	1.4	22	1	I76278	ACCESSION:I76278	C 250	11.6	1.4	21	1	AX022063	ACCESSION:AX022063
C 178	11.8	1.4	16	1	AX659620	ACCESSION:AX659620	C 251	11.6	1.4	21	1	BD080540	ACCESSION:BD080540
C 179	11.8	1.4	17	1	AX690595	ACCESSION:AX690595	C 252	11.6	1.4	21	1	BD087586	ACCESSION:BD087586



ALIGNMENTS

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RESULT 1
AX763932      AX763932      22 bp      DNA      linear      PAT 25-JUN-2003
LOCUS
DEFINITION    Sequence 19 from Patent WO03039438.
ACCESSION     AX763932
VERSION       AX763932.1 GI:32258287
KEYWORDS
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1
AUTHORS       Braun, K., Waldeck, W., Pipkorn, R., Braun, I. and Debus, J.

Query Match      1.9%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      664  TGCAGCTGAAGCTCACAGATG 684
Db      ||| ||||| ||||| |||||
        2  TGGATCTGAAGCTCCAGATG 22

RESULT 2
BD178777/c
LOCUS
DEFINITION    BD178777      19 bp      DNA      linear      PAT 16-APR-2003
ACCESSION     BD178777
VERSION       BD178777.1 GI:30016044
KEYWORDS      WO 02077222-A/115.
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1 (bases 1 to 19)
AUTHORS       Yokoya, F., Okutsu, T., Mori, M., Yoshiyuki, Takahara, Fukuda, H.,

Query Match      1.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.3;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      761  GATGGCAGAACTGGAGAAG 779
Db      ||| ||||| ||||| |||||
        19  GATTCAGAACTGGAGATG 1

RESULT 3
DOGE/LNA/c
LOCUS
DEFINITION    DOGE/LNA      19 bp      DNA      linear      STS 10-APR-1996
ACCESSION     DOGE/LNA
VERSION       Canis familiaris Elastin (ELN) STS DNA, 5' primer, sequence tagged
KEYWORDS      site.
SOURCE        L77353
ORGANISM      L77353.1 GI:1256694
              STS; Elastin; PCR identification; PCR primer; sequence tagged site;
              universal mammalian STS.
              Canis familiaris (dog)
              Canis familiaris
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Query Match      1.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.3;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      136  CTGCTTTGGGGGCTGCAGC 154
Db      ||||| ||||| ||||| |||||
        19  CTGCTTTAGGGCTGCAGC 1

RESULT 4
AR282662/c
LOCUS
DEFINITION    AR282662      21 bp      DNA      linear      PAT 10-APR-2003
ACCESSION     AR282662
VERSION       AR282662.7 from patent US 6521749.
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS

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ACCESSION   AR282662
VERSION     AR282662.1 GI:29719272
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 21)
AUTHORS    Ling,V. and Dunussi-Jeannopoulos,K.

Query Match      1.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 11; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0;

QY 782 GTGTGAGCGCAAACTGCAGG 801
Db 20 GTGCGAGCGCAGACTGGGG 1

RESULT 5
ACCESSION   AX697250
LOCUS       AX697250          23 bp      DNA          linear          PAT 02-APR-2003
DEFINITION   Sequence 318 from Patent WO0078961.
ACCESSION   AX697250
VERSION     AX697250.1 GI:29498412
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1
AUTHORS     Ferrara,N., Stewart,T.A., Williams,P.M., Baker,K.P., Desnoyers,L.,

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 14; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0;

QY 669 CTGAAGCTCACAGATGGATC 688
Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 6
ACCESSION   AX147036/c
LOCUS       AX147036          25 bp      DNA          linear          PAT 08-JUN-2001
DEFINITION   Sequence 7 from Patent WO0136979.
ACCESSION   AX147036
VERSION     AX147036.1 GI:14346305
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.8%; Score 15.2; DB 1; Length 25;
Best Local Similarity 85.0%; Pred. No. 17; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0;

QY 331 CTGTGGAGCACTTGGTGCC 350
Db 20 CTGTGGAGCAGCTCTGTGCC 1

RESULT 7
ACCESSION   AX650257
LOCUS       AX650257          25 bp      DNA          linear          PAT 22-MAR-2003
DEFINITION   Sequence 2097 from Patent EPI273660.
ACCESSION   AX650257
VERSION     AX650257.1 GI:29153075
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

ACCESSION   AR282662
VERSION     AR282662.1 GI:29719272
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 21)
AUTHORS    Ling,V. and Dunussi-Jeannopoulos,K.

Query Match      1.8%; Score 15; DB 1; Length 25;
Best Local Similarity 78.3%; Pred. No. 21; 5; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 757 AGGAGATGGCAGAACTGGAGAAG 779
Db 25 AGGAGATGGCAGTTCCCAAGAAG 3

RESULT 8
ACCESSION   AX650258/c
LOCUS       AX650258          25 bp      DNA          linear          PAT 22-MAR-2003
DEFINITION   Sequence 2098 from Patent EPI273660.
ACCESSION   AX650258
VERSION     AX650258.1 GI:29153076
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.8%; Score 15; DB 1; Length 25;
Best Local Similarity 78.3%; Pred. No. 21; 5; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 757 AGGAGATGGCAGAACTGGAGAAG 779
Db 24 AGGAGATGGCAGTTCCCAAGAAG 2

RESULT 9
ACCESSION   AX650259/c
LOCUS       AX650259          25 bp      DNA          linear          PAT 22-MAR-2003
DEFINITION   Sequence 2099 from Patent EPI273660.
ACCESSION   AX650259
VERSION     AX650259.1 GI:29153077
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.8%; Score 15; DB 1; Length 25;
Best Local Similarity 78.3%; Pred. No. 21; 5; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 757 AGGAGATGGCAGAACTGGAGAAG 779
Db 23 AGGAGATGGCAGTTCCCAAGAAG 1

RESULT 10
ACCESSION   AX244168/c
LOCUS       AX244168          21 bp      DNA          linear          PAT 28-SEP-2001
DEFINITION   Sequence 13 from Patent WO0166754.
ACCESSION   AX244168
VERSION     AX244168.1 GI:15859223
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1
AUTHORS     Vaughan,T.J., Wilton,A.J. and Smith,S.

Query Match      1.7%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 19; 4; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0;

QY 403 CCTCTGCTCCAGCAGGCTCTCC 423

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[illegible]

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

## REFERENCE

Query Match 1.7%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 14;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGGGTACAGT 740

Db 17 GGAGGTGGGTACAGT 2

## RESULT 18

AX262652 17 bp DNA linear PAT 26-OCT-2001

LOCUS Sequence 43 from Patent WO0173002.

ACCESSION AX262652.1 GI:16511451

VERSION AX262652.1 GI:16511451

KEYWORDS Homo sapiens (human)

SOURCE Homo sapiens

ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

## REFERENCE

Query Match 1.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 14;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGGGTACAGT 740

Db 2 GGAGGTGGGTACAGT 17

## RESULT 19

AX262653 17 bp DNA linear PAT 26-OCT-2001

LOCUS Sequence 44 from Patent WO0173002.

ACCESSION AX262653.1 GI:16511452

VERSION AX262653.1 GI:16511452

KEYWORDS Homo sapiens (human)

SOURCE Homo sapiens

ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

## REFERENCE

Query Match 1.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 14;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGGGTACAGT 740

Db 16 GGAGGTGGGTACAGT 1

## RESULT 20

AR306782 20 bp DNA linear PAT 12-JUN-2003

LOCUS Sequence 19 from patent US 6548734.

ACCESSION AR306782

VERSION AR306782.1 GI:31697107

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Glincher, L.H. and Ranger, A.M.

Query Match

Best Local Similarity 1.7%; Score 14.2; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 771 CTGGAGAAGAGTGTGAGC 789

Db 1 CTGGAGAAGAGTGTGAGC 19

## RESULT 21

AX298904 20 bp DNA linear PAT 26-NOV-2001

LOCUS Sequence 538 from Patent WO0183749.

ACCESSION AX298904

VERSION AX298904.1 GI:17128894

KEYWORDS Mus sp.

SOURCE Mus sp.

ORGANISM Mus sp.

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

## REFERENCE

Query Match 1.7%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 24;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 716 CAAATTCAGGAGTCGCG 734

Db 2 CAAATTCAGGAGTCGCG 20

## RESULT 22

E06733/c 20 bp DNA linear PAT 29-SEP-1997

LOCUS Antisense oligonucleotide to IL-1 beta.

ACCESSION E06733

VERSION E06733.1 GI:2174915

KEYWORDS JP 1994041185-A/4.

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 20)

AUTHORS Higaki, M., Shoji, Y. and Mizushima, Y.

Query Match 1.7%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 24;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 744 GCCTTGGTCTTAAGGAGA 762

Db 19 GCCTTGGTCTTAAGGAGA 1

## RESULT 23

I14209 20 bp DNA linear PAT 26-SEP-1995

LOCUS Sequence 6 from patent US 5447839.

ACCESSION I14209

VERSION I14209.1 GI:997224

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Manos, M. Michele., Bauer, H.M., Greer, C.E., Resnick, R.M. and Ting, Y.

Query Match 1.7%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 24;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGAAGCTGT 334

Db 2 AAGCTCTGCAGAAAAGCTGT 20

## RESULT 24

I22523

LOCUS	12523	20 bp	DNA	linear	PAT 07-OCT-1999
DEFINITION	Sequence 11 from patent US 5527898.				
ACCESSION	12523				
VERSION	12523.1	GI:1602877			
KEYWORDS					
SOURCE	Unknown.				
ORGANISM	Unknown.				
REFERENCE	1 (bases 1 to 20)				
AUTHORS	Bauer,H.M., Gravitt,P.E., Greer,C.E., Manos,M.Michele.,				
Query Match	1.7%; Score 14.2; DB 1; Length 20;				
Best Local Similarity	84.2%; Pred.No. 24;				
Matches	16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
Qy	316 AAGACTGCAGAGAGCTGT 334				
Db	2 AGGTCTGCAGAAAAGCTGT 20				
RESULT 25					
LOCUS	147348	20 bp	DNA	linear	PAT 07-OCT-1997
DEFINITION	Sequence 11 from patent US 5639871.				
ACCESSION	147348				
VERSION	147348.1	GI:2471313			
KEYWORDS					
SOURCE	Unknown.				
ORGANISM	Unknown.				
REFERENCE	1 (bases 1 to 20)				
AUTHORS	Bauer,H.M., Gravitt,P.E., Greer,C.E., Imprim,C.C.,				
Query Match	1.7%; Score 14.2; DB 1; Length 20;				
Best Local Similarity	84.2%; Pred.No. 24;				
Matches	16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
Qy	316 AAGACTGCAGAGAGCTGT 334				
Db	2 AGGTCTGCAGAAAAGCTGT 20				
RESULT 26					
LOCUS	AX613836/c	20 bp	DNA	linear	PAT 17-FEB-2003
DEFINITION	Sequence 4861 from Patent WO02072882.				
ACCESSION	AX613836				
VERSION	AX613836.1	GI:28409265			
KEYWORDS					
SOURCE	Homo sapiens (human)				
ORGANISM	Homo sapiens				
REFERENCE	1				
Query Match	1.7%; Score 14.2; DB 1; Length 20;				
Best Local Similarity	84.2%; Pred.No. 24;				
Matches	16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
Qy	253 AGGACTTAGACAGGAGCAC 271				
Db	19 AGGACATGGACAGGTGCAC 1				
RESULT 27					
LOCUS	AX352815	18 bp	DNA	linear	PAT 06-FEB-2002
DEFINITION	Sequence 21 from Patent EP1174518.				
ACCESSION	AX352815				
VERSION	AX352815.1	GI:18617897			
KEYWORDS					
SOURCE	synthetic construct				
ORGANISM	synthetic construct				

QY 766 CAGAACTGGAGAAG 779  
 Db 4 CAGAACTGGAGAAG 17

RESULT 31  
 AX817759/c  
 LOCUS AX817759 22 bp DNA linear PAT 10-DEC-2003  
 DEFINITION Sequence 507 from Patent WO02081517.  
 ACCESSION AX817759  
 VERSION AX817759.1 GI:39722956  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.

REFERENCE 1  
 AUTHORS Decristofaro,M.F., Padigaru,M., Miller,C., Tchernev,V., Zhong,H.,

Query Match 1.7%; Score 14; DB 1; Length 22;  
 Best Local Similarity 77.3%; Pred. No. 36;  
 Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 399 CACACCTGTCCAGCAGGCTC 420  
 Db 22 CACAACTCTCCATCAGGCC 1

RESULT 32  
 A49732/c  
 LOCUS A49732 24 bp DNA linear PAT 07-MAR-1997  
 DEFINITION Sequence 7 from Patent WO9609323.  
 ACCESSION A49732  
 VERSION A49732.1 GI:2303062  
 KEYWORDS Homo sapiens (human)  
 SOURCE Homo sapiens  
 ORGANISM Homo sapiens

REFERENCE 1  
 AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.7%; Score 14; DB 1; Length 24;  
 Best Local Similarity 77.3%; Pred. No. 44;  
 Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 782 GTGTGAGCGCAACTGCAGGAC 803  
 Db 22 GAGCGAGCGCAAGCAGGAC 1

RESULT 33  
 A50155/c  
 LOCUS A50155 24 bp DNA linear PAT 07-MAR-1997  
 DEFINITION Sequence 12 from Patent WO9611277.  
 ACCESSION A50155  
 VERSION A50155.1 GI:2303302  
 KEYWORDS Homo sapiens (human)  
 SOURCE Homo sapiens  
 ORGANISM Homo sapiens

REFERENCE 1  
 AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.7%; Score 14; DB 1; Length 24;  
 Best Local Similarity 77.3%; Pred. No. 44;  
 Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 782 GTGTGAGCGCAACTGCAGGAC 803  
 Db 22 GAGCGAGCGCAAGCAGGAC 1

RESULT 34

AR212258/c  
 LOCUS AR212258 24 bp DNA linear PAT 20-JUN-2002  
 DEFINITION Sequence 8 from patent US 6395747.  
 ACCESSION AR212258  
 VERSION AR212258.1 GI:21515789  
 KEYWORDS Unknown.  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)  
 AUTHORS McGlade,J. and Schmandt,R.

Query Match 1.7%; Score 14; DB 1; Length 24;  
 Best Local Similarity 77.3%; Pred. No. 44;  
 Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 757 AGGAGTGCAGAACTGGAGAA 778  
 Db 24 AGGAGTGCAGTCTCTGGAGAA 3

RESULT 35  
 AR265253/c  
 LOCUS AR265253 24 bp DNA linear PAT 10-APR-2003  
 DEFINITION Sequence 8 from patent US 6492138.  
 ACCESSION AR265253  
 VERSION AR265253.1 GI:29693683  
 KEYWORDS Unknown.  
 SOURCE Unknown.  
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)  
 AUTHORS McGlade,J. and Schmandt,R.

Query Match 1.7%; Score 14; DB 1; Length 24;  
 Best Local Similarity 77.3%; Pred. No. 44;  
 Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 757 AGGAGTGCAGAACTGGAGAA 778  
 Db 24 AGGAGTGCAGTCTCTGGAGAA 3

RESULT 36  
 AX288922  
 LOCUS AX288922 24 bp DNA linear PAT 21-NOV-2001  
 DEFINITION Sequence 684 from Patent WO0179548.  
 ACCESSION AX288922  
 VERSION AX288922.1 GI:17050605  
 KEYWORDS synthetic construct  
 SOURCE synthetic construct  
 ORGANISM artificial sequences.

REFERENCE 1  
 AUTHORS Barany,F., Zirvi,M., Gerry,N.P., Favis,R. and Kliman,R.

Query Match 1.7%; Score 14; DB 1; Length 24;  
 Best Local Similarity 77.3%; Pred. No. 44;  
 Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 664 TCGAGCTGAGCTCAGATGG 695  
 Db 3 TCGAGCCGAAGCTTGAACGG 24

RESULT 37  
 AX272818/c  
 LOCUS AX272818 17 bp RNA linear PAT 29-OCT-2001  
 DEFINITION Sequence 387 from Patent WO0162911.  
 ACCESSION AX272818  
 VERSION AX272818.1 GI:16545555  
 KEYWORDS Homo sapiens (human)  
 SOURCE Homo sapiens

1. *Staphylococcus aureus*

RESULT 44  
 ARI76844/c  
 LOCUS  
 DEFINITION Sequence 99 from patent US 6312900. PAT 17-DEC-2001  
 ACCESSION ARI76844  
 VERSION ARI76844.1 GI:17919199  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 20)  
 AUTHORS Dean,N.M., McKay,R., Miraglia,L. and Baker,B.  
 Query Match 1.7%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 86.2%; Pred. No. 34;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 615 GCCATCTCAACGAGCGC 631  
 Db 18 GCCATCTCAACGAGCGC 2  
 RESULT 45  
 AX611049  
 LOCUS  
 DEFINITION Sequence 2074 from Patent WO02072882. PAT 17-FEB-2003  
 ACCESSION AX611049  
 VERSION AX611049.1 GI:28406478  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 REFERENCE 1  
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 Query Match 1.6%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 41;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 369 GAGCGTCTGGCGGCTCTGCT 388  
 Db 1 GAGCACCTGGCGGCGCTGCT 20  
 RESULT 46  
 AX203404  
 LOCUS  
 DEFINITION Sequence 34 from Patent WO0153520. PAT 30-AUG-2001  
 ACCESSION AX203404  
 VERSION AX203404.1 GI:15392798  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 REFERENCE 1  
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 Query Match 1.6%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 41;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 759 GAGATGGCAGAACCTGGAGAA 778  
 Db 1 GAGAGCCCAAGCTGGAGAA 20  
 RESULT 47  
 AX611048  
 LOCUS  
 DEFINITION Sequence 2073 from Patent WO02072882. PAT 17-FEB-2003  
 ACCESSION AX611048  
 VERSION AX611048.1 GI:28406477  
 KEYWORDS

SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 REFERENCE 1  
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 Query Match 1.6%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 41;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 369 GAGCGTCTGGCGGCTCTGCT 388  
 Db 1 GAGCTCTGGCGGCGCTGCT 20  
 RESULT 48  
 AX272821/c  
 LOCUS  
 DEFINITION Sequence 390 from Patent WO0162911. PAT 29-OCT-2001  
 ACCESSION AX272821  
 VERSION AX272821.1 GI:16545558  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 REFERENCE 1  
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 Query Match 1.6%; Score 13.4; DB 1; Length 17;  
 Best Local Similarity 93.3%; Pred. No. 33;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 136 CTGCTTTGGGGGCTG 150  
 Db 15 CTGCTGTGGGGCTG 1  
 RESULT 49  
 AR240864/c  
 LOCUS  
 DEFINITION Sequence 29 from patent US 6468791. PAT 20-DEC-2002  
 ACCESSION AR240864  
 VERSION AR240864.1 GI:27286065  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 19)  
 AUTHORS Tanzi,R.E., Schellenberg,G.D., Wasco,W., Levy-Lahad,E., Bird,T.D.  
 Query Match 1.6%; Score 13.4; DB 1; Length 19;  
 Best Local Similarity 93.3%; Pred. No. 43;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 418 CTCTCCGGCTGCCCC 432  
 Db 17 CTCTCCGTCTGCCCC 3  
 RESULT 50  
 AR240876/c  
 LOCUS  
 DEFINITION Sequence 43 from patent US 6468791. PAT 20-DEC-2002  
 ACCESSION AR240876  
 VERSION AR240876.1 GI:27286077  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 19)  
 AUTHORS Tanzi,R.E., Schellenberg,G.D., Wasco,W., Levy-Lahad,E., Bird,T.D.  
 Query Match 1.6%; Score 13.4; DB 1; Length 19;



Best Local Similarity 93.3%; Pred. No. 43;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 418 CTCTCCGGCTGCCCC 432  
Db 17 CTCTCCGTGCCCC 3

RESULT 51  
A85315/c  
LOCUS A85315 20 bp DNA linear PAT 21-JAN-2000  
DEFINITION Sequence 5 from Patent WO9840478.  
ACCESSION A85315  
VERSION A85315.1 GI:6733923  
KEYWORDS unidentified  
SOURCE unidentified  
ORGANISM unclassified.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Nicklin,P.L. and Phillips,J.A.

Query Match 1.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 48;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 773 GGAGAAGAGTGCA 787  
Db 17 GGAGAAGATGTCA 3

RESULT 52  
AX095554  
LOCUS AX095554 21 bp DNA linear PAT 30-MAR-2001  
DEFINITION Sequence 732 from Patent WO0118250.  
ACCESSION AX095554  
VERSION AX095554.1 GI:13511757  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1

Query Match 1.6%; Score 13.4; DB 1; Length 21;  
Best Local Similarity 82.4%; Pred. No. 54;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 551 TGTAGCCCAACAGCAGG 567  
Db 1 TATGCCCAAGCAGG 17

RESULT 53  
AR188969/c  
LOCUS AR188969 18 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 4457 from patent US 6346398.  
ACCESSION AR188969  
VERSION AR188969.1 GI:20234934  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Pavco,P., McSwigen,J., Stinchcomb,D. and Escobedo,J.

Query Match 1.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 45;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 187 GTGGCCGGTCAGTTTC 204  
Db 18 GAGGCCAAGTCAGTTTC 1

Best Local Similarity 93.3%; Pred. No. 43;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 418 CTCTCCGGCTGCCCC 432  
Db 17 CTCTCCGTGCCCC 3

RESULT 54  
AR324768/c  
LOCUS AR324768 18 bp RNA linear PAT 17-AUG-2003  
DEFINITION Sequence 2170 from patent US 6566127.  
ACCESSION AR324768  
VERSION AR324768.1 GI:33710576  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Pavco,P., McSwigen,J.A., Stinchcomb,D.T. and Escobedo,J.

Query Match 1.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 45;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 187 GTGGCCGGTCAGTTTC 204  
Db 18 GAGGCCAAGTCAGTTTC 1

RESULT 55  
AX131129  
LOCUS AX131129 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 2347 from Patent WO0130362.  
ACCESSION AX131129  
VERSION AX131129.1 GI:14137434  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1

Query Match 1.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 51;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 714 GCCAAATTTCCAGGAGCTG 731  
Db 2 GCCAGCTTCCAGGAGCTG 19

RESULT 56  
AX131129/c  
LOCUS AX131129 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 2347 from Patent WO0130362.  
ACCESSION AX131129  
VERSION AX131129.1 GI:14137434  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1

Query Match 1.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 51;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 466 AGCTCCAGGAAGTTGCA 483  
Db 18 AGCTCCTCGAAGCTGCA 1

RESULT 57  
AX131128/c  
LOCUS AX131128 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 2346 from Patent WO0130362.  
ACCESSION AX131128  
VERSION AX131128.1 GI:14137433

```

KEYWORDS      Homo sapiens (human)
SOURCE        Homo sapiens
ORGANISM      Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match   1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 51;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 466 AGCTCCAGGAAGTGGCA 483
Db 19 AGCTCCTGGAAGCTGGCA 2

RESULT 58
LOCUS AX130664 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 1882 from Patent WO0130362.
ACCESSION AX130664
VERSION AX130664.1 GI:14136969
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match   1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 51;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 771 CTGGAGAGGAAGTGTGAG 788
Db 18 CTGGAGAGGAAGCGGTGTG 1

RESULT 59
LOCUS AR038674 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 8 from patent US 5807678.
ACCESSION AR038674
VERSION AR038674.1 GI:5958037
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miller,W.L., Lin,D. and Strauss,J.F. III.

Query Match   1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 57;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 612 GTGGCCATCTCAACGAGC 629
Db 2 GTGGCCATGCGCAGCAGC 19

RESULT 60
LOCUS AR121013 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 34 from patent US 6159694.
ACCESSION AR121013
VERSION AR121013.1 GI:14104589
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Karas,J.G.

Query Match   1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 57;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 612 GTGGCCATCTCAACGAGC 629
Db 2 GTGGCCATGCGCAGCAGC 19

RESULT 61
LOCUS BD272634 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense oligonucleotide modulation of STAT3 expression.
ACCESSION BD272634
VERSION BD272634.1 GI:33082402
KEYWORDS JP 2002541784-A/34.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Karras,J.G.

Query Match   1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 57;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 273 TTCAGAAAGTTGTTGAAA 290
Db 18 TTCAGAAAGTTAATGAAA 1

RESULT 62
LOCUS AR314769 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 5306 from patent US 6559294.
ACCESSION AR314769
VERSION AR314769.1 GI:31708195
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffais,R., Hoiseith,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,

Query Match   1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 57;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 758 GGAGATGCGCAGAACTGGA 775
Db 3 GTAGATGCGCAAGCTGGA 20

RESULT 63
LOCUS AX698525 22 bp DNA linear PAT 02-APR-2003
DEFINITION Sequence 14 from Patent WO03010335.
ACCESSION AX698525
VERSION AX698525.1 GI:29499353
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Mirel,D.B., Erlich,H.A., Bugawan,T.L., Noble,J.A. and Valdez,A.M.

Query Match   1.6%; Score 13.2; DB 1; Length 22;
Best Local Similarity 83.3%; Pred. No. 72;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 TCAGAAAGTTGTTGAAAC 291
Db 5 TCAGAGAGTTGCTGAAGC 22

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RESULT 64  
AX698554  
LOCUS AX698554 22 bp DNA linear PAT 02-APR-2003  
DEFINITION Sequence 43 from Patent WO03010335.  
ACCESSION AX698554  
VERSION AX698554.1 GI:29499382  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Mirel,D.B., Erlich,H.A., Bugawan,T.L., Noble,J.A. and Valdez,A.M.  
Query Match 1.6%; Score 13.2; DB 1; Length 22;  
Best Local Similarity 83.3%; Pred. No. 72;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 274 TCAGAAAGTCTTGAAC 291  
Db 5 TCAGAGATTCTGAAGC 22  
RESULT 65  
BD259395/c  
LOCUS BD259395 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD259395  
VERSION BD259395.1 GI:33069165  
KEYWORDS JP 2002541795-A/7188.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.  
Query Match 1.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 47;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 722 TCAGAGAGCTGCGG 734  
Db 13 TCAGAGAGCTGCGG 1  
RESULT 66  
AR121114  
LOCUS AR121114 18 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 10 from patent US 6159697.  
ACCESSION AR121114  
VERSION AR121114.1 GI:14104690  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Monia,B.P., and Cowsert,L.M.  
Query Match 1.6%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 53;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 420 CTCGGGCTGCCCC 432  
Db 1 CTCGGGCTGCCCC 13  
RESULT 67  
AX754821  
LOCUS AX754821 18 bp DNA linear PAT 23-JUN-2003  
DEFINITION Sequence 16 from Patent WO03037368.  
ACCESSION AX754821

VERSION AX754821.1 GI:32167251  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE 1  
Query Match 1.6%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 53;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 420 CTCGGGCTGCCCC 432  
Db 1 CTCGGGCTGCCCC 13  
RESULT 68  
AX193676/c  
LOCUS AX193676 20 bp DNA linear PAT 15-AUG-2001  
DEFINITION Sequence 98 from Patent WO0140291.  
ACCESSION AX193676  
VERSION AX193676.1 GI:15211542  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Burgess,C.E., Prayaga,S.K., Shimkets,R.A., Rastelli,L.,  
Query Match 1.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 68;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 664 TGCAGCTGAAGCT 676  
Db 16 TGCAGCTGAAGCT 4  
RESULT 69  
AR049587/c  
LOCUS AR049587 22 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 5 from patent US 5824535.  
ACCESSION AR049587  
VERSION AR049587.1 GI:6005626  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Kou,G.-H., Wang,C.-H. and Lo,C.-F.  
Query Match 1.6%; Score 13; DB 1; Length 22;  
Best Local Similarity 76.2%; Pred. No. 85;  
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;  
Qy 716 CAAATTCAGAGCTGCGTA 736  
Db 21 CAAGGTGCAGCAGCTGCCGTA 1  
RESULT 70  
AR130551/c  
LOCUS AR130551 22 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 5 from patent US 6190862.  
ACCESSION AR130551  
VERSION AR130551.1 GI:14118876  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 22)  
AUTHORS Kou,G.-H., Wang,C.-H. and Lo,C.-F.



REFERENCE	1
Query Match	1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity	87.5%; Pred. No. 72;
Matches	14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy	601 GGCGGGTGGACGTGGC 616
Dd	
Db	2 GGcAGGtGGATgGC 17
RESULT 81	
AR169760	
LOCUS	AR169760 20 bp DNA linear PAT 17-DEC-2001
DEFINITION	Sequence 15 from patent US 6291190.
ACCESSION	ARI69760
VERSION	AR169760.1 GI:17907668
KEYWORDS	
SOURCE	Unknown.
ORGANISM	Unclassified.
REFERENCE	1 (bases 1 to 20)
AUTHORS	Behr,M., Small,P., Schoolnik,G. and Wilson,M.A.
Query Match	1.5%; Score 12.8; DB 1; Length 20;
Best Local Similarity	87.5%; Pred. No. 81;
Matches	14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy	592 ACTTCGGTGCGCGGT 607
Dd	
Db	5 AATCCCGTGCGCGGT 20
RESULT 82	
AX553634/c	
LOCUS	AX553634 20 bp DNA linear PAT 27-NOV-2002
DEFINITION	Sequence 38 from Patent WO02074946.
ACCESSION	AX553634
VERSION	AX553634.1 GI:25897632
KEYWORDS	
SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens
REFERENCE	1
Query Match	1.5%; Score 12.8; DB 1; Length 20;
Best Local Similarity	87.5%; Pred. No. 81;
Matches	14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy	181 GTCACAGTGCGCGGT 196
Dd	
Db	16 GTCACCGTGCGCGGT 1
RESULT 83	
AR349328	
LOCUS	AR349328 22 bp DNA linear PAT 17-AUG-2003
DEFINITION	Sequence 52 from patent US 6585975.
ACCESSION	AR349328
VERSION	AR349328.1 GI:33750057
KEYWORDS	
SOURCE	Unknown.
ORGANISM	Unclassified.
REFERENCE	1 (bases 1 to 22)
AUTHORS	Kleanthous,H., Londono-Arcila,P., Freeman,D., Lee,C.K. and
Query Match	1.5%; Score 12.8; DB 1; Length 22;
Best Local Similarity	87.5%; Pred. No. 1e+02;
Matches	14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy	261 GACAGGAGCACCTTCA 276



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Saccharomycetales; mitosporic Saccharomycetales; Candida.
REFERENCE 1
  Query Match      1.5%; Score 12.6; DB 1; Length 20;
  Best Local Similarity 78.9%; Pred. No. 96;
  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 398 ACACACCCCTGCTCCAGCAG 416
Db 20 ACATACACTGCCCCAGCGC 2

RESULT 91
LOCUS AX095780
DEFINITION Sequence 958 from Patent WO0118250.
ACCESSION AX095780
VERSION AX095780.1 GI:13512007
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
  Query Match      1.5%; Score 12.6; DB 1; Length 21;
  Best Local Similarity 92.3%; Pred. No. 1.1e+02;
  Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 350 CAGCGCCAACTG 362
Db 1 CAGCGCCAACTG 13

RESULT 92
LOCUS A92593/c
DEFINITION Sequence 2 from Patent WO9810639.
ACCESSION A92593
VERSION A92593.1 GI:6741238
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Hewlett, G. and Weber, O.

Query Match      1.5%; Score 12.6; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 133 TGTCTGCTTTGGGGCTGC 151
Db 20 TGTCTGCTTGGAAATGC 2

RESULT 93
LOCUS AX096197/c
DEFINITION Sequence 1375 from Patent WO0118250.
ACCESSION AX096197
VERSION AX096197.1 GI:13512424
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
  Query Match      1.5%; Score 12.6; DB 1; Length 21;
  Best Local Similarity 71.4%; Pred. No. 1.1e+02;
  Matches 15; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

Saccharomycetales; mitosporic Saccharomycetales; Candida.
REFERENCE 1
  Query Match      1.5%; Score 12.6; DB 1; Length 20;
  Best Local Similarity 78.9%; Pred. No. 96;
  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 269 CACCTTCAGAAAGTTGTTGAA 289
Db 21 CAGGTTTCAGACATGGTGAA 1

RESULT 94
LOCUS BD144855
DEFINITION A method of detecting human phase I enzymes of drug-metabolizing
and a probe and a kit thereof.
ACCESSION BD144855
VERSION BD144855.1 GI:27850613
KEYWORDS JP 2002142780-A/67.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
  Query Match      1.5%; Score 12.6; DB 1; Length 21;
  Best Local Similarity 78.9%; Pred. No. 1.1e+02;
  Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 248 CTTGAAGGACTTAGACAGG 266
Db 3 CTTGAAGGACTTAGACAGG 21

RESULT 95
LOCUS AX763932/c
DEFINITION Sequence 19 from Patent WO03039438.
ACCESSION AX763932
VERSION AX763932.1 GI:32258287
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Braun, K., Waldeck, W., Pipkorn, R., Braun, I. and Debus, J.

Query Match      1.5%; Score 12.6; DB 1; Length 22;
Best Local Similarity 78.9%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 140 TTTGGGGCTGCAGCTCCA 158
Db 20 TCTGGAGCTTCAGATCCA 2

RESULT 96
LOCUS AX139176
DEFINITION Sequence 24 from Patent EP1076099.
ACCESSION AX139176
VERSION AX139176.1 GI:14274849
KEYWORDS Mycobacterium tuberculosis
SOURCE Mycobacterium tuberculosis
ORGANISM Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;
Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
REFERENCE 1
  Query Match      1.5%; Score 12.4; DB 1; Length 15;
  Best Local Similarity 92.9%; Pred. No. 58;
  Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 723 CAGGAGCTGCGGTA 736
Db 2 CAGCAGCTGCGGTA 15

RESULT 97
LOCUS BD013460

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
1
Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 78;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 597 CGGTGGCGGGTGGCA 610
Db 16 CGGAGCGGGTGGCA 3
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RESULT 101
AX783686 PAT 17-JUL-2003
LOCUS linear
DEFINITION 17 bp DNA
Sequence 2017 from Patent WO03050284.
ACCESSION AX783686
VERSION AX783686.1 GI:32951535
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
1
Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 78;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 754 TTAAGGAGATGGCA 767
Db 4 TCAGGAGATGGCA 17
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RESULT 102
AX783687 PAT 17-JUL-2003
LOCUS linear
DEFINITION 17 bp DNA
Sequence 2018 from Patent WO03050284.
ACCESSION AX783687
VERSION AX783687.1 GI:32951536
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
1
Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 78;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 754 TTAAGGAGATGGCA 767
Db 3 TCAAGGAGATGGCA 16
|||||
|||||

RESULT 103
AX783688 PAT 17-JUL-2003
LOCUS linear
DEFINITION 17 bp DNA
Sequence 2019 from Patent WO03050284.
ACCESSION AX783688
VERSION AX783688.1 GI:32951537
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
1
Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 78;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 754 TTAAGGAGATGGCA 767  
| | | | |  
Db 2 TCAAGGAGATGGCA 15  
| | | | |  
RESULT 104  
LOCUS AX783689 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION Sequence 2020 from Patent WO03050284.  
ACCESSION AX783689  
VERSION AX783689.1 GI:32951538  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Euthera; Primates; Catarrhini; Homidae; Homo.  
Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 78;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 754 TTAAGGAGATGGCA 767  
| | | | |  
Db 1 TCAAGGAGATGGCA 14  
| | | | |  
RESULT 105  
LOCUS AX752868/c 23 bp DNA linear PAT 23-JUN-2003  
DEFINITION Sequence 11 from Patent WO03037373.  
ACCESSION AX752868  
VERSION AX752868.1 GI:3215629  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Jabbour, H.N., Sales, K.J. and Katz, A.  
Query Match 1.5%; Score 12.4; DB 1; Length 23;  
Best Local Similarity 72.7%; Pred. No. 1.6e+02;  
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;  
Qy 441 CTAAGCCAGATGCTCCAGG 462  
| | | | |  
Db 23 CTCATGCTGACTCCITCAAGG 2  
| | | | |  
RESULT 106  
LOCUS AR286312 17 bp RNA linear PAT 10-APR-2003  
DEFINITION Sequence 684 from patent US 6528640.  
ACCESSION AR286312  
VERSION AR286312.1 GI:29723908  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A.,  
Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 354 GCCAACCTGTCAGAGA 370  
| | | | |  
Db 1 GCCAACCGCCAGAGGA 17  
| | | | |  
RESULT 107  
LOCUS AR398302 17 bp RNA linear PAT 18-DEC-2003  
DEFINITION Sequence 683 from patent US 6617438.  
ACCESSION AR398302  
VERSION AR398302.1 GI:40136004  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A.,  
Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 354 GCCAACCTGTCAGAGA 370  
| | | | |  
Db 1 GCCAACCGCCAGAGGA 17  
| | | | |  
RESULT 108  
LOCUS AR402305 17 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 645 from patent US 6623962.  
ACCESSION AR402305  
VERSION AR402305.1 GI:40149755  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.  
Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 753 CTTAAGGAGATGGCAGA 769  
| | | | |  
Db 17 CTTAAGGAGATTCAGA 1  
| | | | |  
RESULT 109  
LOCUS AX272822/c 17 bp RNA linear PAT 29-OCT-2001  
DEFINITION Sequence 391 from Patent WO0162911.  
ACCESSION AX272822  
VERSION AX272822.1 GI:16545559  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Euthera; Primates; Catarrhini; Homidae; Homo.  
Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 132 ATGCTGCTTTGGGGC 148  
| | | | |  
Db 17 ATCGCTGCTTGGGGC 1  
| | | | |  
RESULT 110  
LOCUS AX422669 17 bp RNA linear PAT 18-JUN-2002  
DEFINITION Sequence 1005 from Patent WO0188124.  
ACCESSION AX422669  
VERSION AX422669.1 GI:21526051  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens

ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE 1

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 550 CTGTAGCCACACACAG 566  
DB 1 CTGTGGCCCATCAACAG 17

RESULT 111  
LOCUS BD067805 17 bp RNA linear PAT 27-AUG-2002  
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.  
ACCESSION BD067805  
VERSION BD067805.1 GI:22613408  
KEYWORDS JP 2001511003-A/645.  
SOURCE unidentified  
ORGANISM unclassified.  
REFERENCE 1 (bases 1 to 17)

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGGCAGA 769  
DB 17 CTTAAGGAGATTTGAGA 1

RESULT 112  
LOCUS AX218185/c 17 bp RNA linear PAT 07-SEP-2001  
DEFINITION Sequence 3627 from Patent WO0159103.  
ACCESSION AX218185  
VERSION AX218185.1 GI:15528246  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 TCAGAAAGTTGCTGAAA 290  
DB 17 TAAGAAAGTTGCTGAAA 1

RESULT 113  
LOCUS AX760076/c 17 bp DNA linear PAT 25-JUN-2003  
DEFINITION Sequence 3397 from Patent WO03040369.  
ACCESSION AX760076  
VERSION AX760076.1 GI:32254692  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 755 TAAGGAGATGGCAGAAC 771  
DB 17 TAAGGACACGGCAGATC 1

RESULT 114  
LOCUS BD104458 17 bp DNA linear PAT 27-AUG-2002  
DEFINITION Kit and method for determining HLA type.  
ACCESSION BD104458  
VERSION BD104458.1 GI:22650032  
KEYWORDS WO 0192572-A/562.  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 640 GCTCCCTGCAACCGAGT 656  
DB 1 GCTGCCCTGCCCGCAGT 17

RESULT 115  
LOCUS AR286233 17 bp RNA linear PAT 10-APR-2003  
DEFINITION Sequence 605 from patent US 6528640.  
ACCESSION AR286233  
VERSION AR286233.1 GI:29723829  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Beigelman, L., Burgin, A., Beaudry, A., Karpelsky, A.,

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTTGGGGCTGCACCT 155  
DB 1 CTGCGGAGCTGCAGCT 17

RESULT 116  
LOCUS AR329037/c 17 bp RNA linear PAT 17-AUG-2003  
DEFINITION Sequence 6439 from patent US 6566127.  
ACCESSION AR329037  
VERSION AR329037.1 GI:33714845  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGCA 152  
DB 17 CTGCTCAGTGGGCTGCA 1

RESULT 117	AR398223	Sequence 604 from patent US 6617438.	17 bp	RNA	linear	PAT 18-DEC-2003
LOCUS	AR398223	Sequence 604 from patent US 6617438.	17 bp	RNA	linear	PAT 18-DEC-2003
DEFINITION	AR398223	Sequence 604 from patent US 6617438.	17 bp	RNA	linear	PAT 18-DEC-2003
ACCESSION	AR398223	Sequence 604 from patent US 6617438.	17 bp	RNA	linear	PAT 18-DEC-2003
VERSION	AR398223.1	GI:40135860	17 bp	RNA	linear	PAT 18-DEC-2003
KEYWORDS	Unknown.					
SOURCE	Unknown.					
ORGANISM	Unknown.					
REFERENCE	1 (bases 1 to 17)					
AUTHORS	Beigelman, L., Burgin, A.B., Beaudry, A., Karpelsky, A.,					
Query Match	1.5%;	Score 12.2;	DB 1;	Length 17;		
Best Local Similarity	82.4%;	Pred. No. 93;				
Matches	14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
QY	139	CTTTGGGGGCTGCAGCT 155				
Db	1	CTCGGGAGCTGCAGCT 17				
RESULT 118	AR401953	Sequence 293 from patent US 6623962.	17 bp	DNA	linear	PAT 18-DEC-2003
LOCUS	AR401953	Sequence 293 from patent US 6623962.	17 bp	DNA	linear	PAT 18-DEC-2003
DEFINITION	AR401953	Sequence 293 from patent US 6623962.	17 bp	DNA	linear	PAT 18-DEC-2003
ACCESSION	AR401953	Sequence 293 from patent US 6623962.	17 bp	DNA	linear	PAT 18-DEC-2003
VERSION	AR401953.1	GI:40149403	17 bp	DNA	linear	PAT 18-DEC-2003
KEYWORDS	Unknown.					
SOURCE	Unknown.					
ORGANISM	Unknown.					
REFERENCE	1 (bases 1 to 17)					
AUTHORS	Akhtar, S., Fell, P. and McSwiggen, J.A.					
Query Match	1.5%;	Score 12.2;	DB 1;	Length 17;		
Best Local Similarity	82.4%;	Pred. No. 93;				
Matches	14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
QY	414	CAGGCTCTCGGCTGCC 430				
Db	1	CATGCCCTTCGGCTGCC 17				
RESULT 119	AX118630	Sequence 13 from Patent WO0129235.	17 bp	DNA	linear	PAT 11-MAY-2001
LOCUS	AX118630	Sequence 13 from Patent WO0129235.	17 bp	DNA	linear	PAT 11-MAY-2001
DEFINITION	AX118630	Sequence 13 from Patent WO0129235.	17 bp	DNA	linear	PAT 11-MAY-2001
ACCESSION	AX118630	Sequence 13 from Patent WO0129235.	17 bp	DNA	linear	PAT 11-MAY-2001
VERSION	AX118630.1	GI:14035581	17 bp	DNA	linear	PAT 11-MAY-2001
KEYWORDS	Homo sapiens (human)					
SOURCE	Homo sapiens					
ORGANISM	Homo sapiens					
REFERENCE	1					
Query Match	1.5%;	Score 12.2;	DB 1;	Length 17;		
Best Local Similarity	82.4%;	Pred. No. 93;				
Matches	14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
QY	748	TGGCTCCTTAGGAGATG 764				
Db	1	TGGGCTTCAGGAGATG 17				
RESULT 120	AX499389	Sequence 696 from Patent EP1229046.	17 bp	DNA	linear	PAT 27-SEP-2002
LOCUS	AX499389	Sequence 696 from Patent EP1229046.	17 bp	DNA	linear	PAT 27-SEP-2002
DEFINITION	AX499389	Sequence 696 from Patent EP1229046.	17 bp	DNA	linear	PAT 27-SEP-2002
ACCESSION	AX499389	Sequence 696 from Patent EP1229046.	17 bp	DNA	linear	PAT 27-SEP-2002
VERSION	AX499389.1	GI:23381682	17 bp	DNA	linear	PAT 27-SEP-2002
KEYWORDS						
SOURCE						
ORGANISM						
REFERENCE	1					
Query Match	1.5%;	Score 12.2;	DB 1;	Length 17;		
Best Local Similarity	82.4%;	Pred. No. 93;				
Matches	14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
QY	459	CAGGAGAGCTCCAGGA 475				
Db	17	CAGGAATGCTCCAGCA 1				
RESULT 121	AX671655	Sequence 100 from Patent WO03004526.	17 bp	DNA	linear	PAT 27-MAR-2003
LOCUS	AX671655	Sequence 100 from Patent WO03004526.	17 bp	DNA	linear	PAT 27-MAR-2003
DEFINITION	AX671655	Sequence 100 from Patent WO03004526.	17 bp	DNA	linear	PAT 27-MAR-2003
ACCESSION	AX671655	Sequence 100 from Patent WO03004526.	17 bp	DNA	linear	PAT 27-MAR-2003
VERSION	AX671655.1	GI:29330003	17 bp	DNA	linear	PAT 27-MAR-2003
KEYWORDS	Homo sapiens (human)					
SOURCE	Homo sapiens					
ORGANISM	Homo sapiens					
REFERENCE	1					
Query Match	1.5%;	Score 12.2;	DB 1;	Length 17;		
Best Local Similarity	82.4%;	Pred. No. 93;				
Matches	14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
QY	266	GAGCAGCTTCAGAAAGT 282				
Db	1	GATCAATTCAGAAAGT 17				
RESULT 122	AX690666/c	Sequence 3398 from Patent EP1281758.	17 bp	DNA	linear	PAT 31-MAR-2003
LOCUS	AX690666/c	Sequence 3398 from Patent EP1281758.	17 bp	DNA	linear	PAT 31-MAR-2003
DEFINITION	AX690666/c	Sequence 3398 from Patent EP1281758.	17 bp	DNA	linear	PAT 31-MAR-2003
ACCESSION	AX690666/c	Sequence 3398 from Patent EP1281758.	17 bp	DNA	linear	PAT 31-MAR-2003
VERSION	AX690666.1	GI:29413547	17 bp	DNA	linear	PAT 31-MAR-2003
KEYWORDS	Homo sapiens (human)					
SOURCE	Homo sapiens					
ORGANISM	Homo sapiens					
REFERENCE	1					
Query Match	1.5%;	Score 12.2;	DB 1;	Length 17;		
Best Local Similarity	82.4%;	Pred. No. 93;				
Matches	14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
QY	459	CAGGAGAGCTCCAGGA 475				
Db	17	CAGGAATGCTCCAGCA 1				
RESULT 123	AX723369	Sequence 1056 from Patent WO03025176.	17 bp	DNA	linear	PAT 08-MAY-2003
LOCUS	AX723369	Sequence 1056 from Patent WO03025176.	17 bp	DNA	linear	PAT 08-MAY-2003
DEFINITION	AX723369	Sequence 1056 from Patent WO03025176.	17 bp	DNA	linear	PAT 08-MAY-2003
ACCESSION	AX723369	Sequence 1056 from Patent WO03025176.	17 bp	DNA	linear	PAT 08-MAY-2003
VERSION	AX723369.1	GI:30423870	17 bp	DNA	linear	PAT 08-MAY-2003
KEYWORDS	Mus musculus (house mouse)					
SOURCE	Mus musculus					
ORGANISM	Mus musculus					
REFERENCE	1					
Query Match	1.5%;	Score 12.2;	DB 1;	Length 17;		

Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 749 GGTCTTAAGGAGATGG 765  
| | | | | | | | | |  
Db 1 GATCTTCAAGGAGATGG 17

RESULT 124  
AX751067/c  
LOCUS AX751067 17 bp DNA linear PAT 20-JUN-2003  
DEFINITION Sequence 283 from Patent WO03033703.  
ACCESSION AX751067  
VERSION AX751067.1 GI:32133395  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 401 CACCTGCTCCAGCAGG 417  
| | | | | | | | | |  
Db 17 CACGCTGCTCCAGGGG 1

RESULT 125  
BD067453  
LOCUS BD067453 17 bp RNA linear PAT 27-AUG-2002  
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.  
ACCESSION BD067453  
VERSION BD067453.1 GI:22613056  
KEYWORDS JP 2001511003-A/293.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 17)

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 93;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 414 CAGGCTCTCGGCTGCC 430  
| | | | | | | | | |  
Db 1 CATGCCCTTCGGCTGCC 17

RESULT 126  
AR292992  
LOCUS AR292992 18 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 4727 from patent US 6537751.  
ACCESSION AR292992  
VERSION AR292992.1 GI:31680276  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 772 TGGAGAGAGAGTTGTG 788  
| | | | | | | | | |  
Db 2 TGGAGAGAGTTGTG 18

RESULT 127  
AX282820/c  
LOCUS AX282820 18 bp DNA linear PAT 02-NOV-2001  
DEFINITION Sequence 34 from Patent WO0164238.  
ACCESSION AX282820  
VERSION AX282820.1 GI:16609820  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 artificial sequences.  
AUTHORS Zehentner, B., Leser-Reiff, U. and Burtcher, H.

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 142 TGGGGGTGCGACTCCA 158  
| | | | | | | | | |  
Db 17 TGGAGCTGCGACTCCA 1

RESULT 128  
BD104004  
LOCUS BD104004 18 bp DNA linear PAT 27-AUG-2002  
DEFINITION Kit and method for determining HLA type.  
ACCESSION BD104004  
VERSION BD104004.1 GI:22649578  
KEYWORDS WO 0192572-A/108.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 18) artificial sequences.  
AUTHORS Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 640 GCTCCTGCAACCGAGT 656  
| | | | | | | | | |  
Db 1 GCTGCTGCGCGCGAGT 17

RESULT 129  
BD104028/c  
LOCUS BD104028 18 bp DNA linear PAT 27-AUG-2002  
DEFINITION Kit and method for determining HLA type.  
ACCESSION BD104028  
VERSION BD104028.1 GI:22649602  
KEYWORDS WO 0192572-A/132.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1 (bases 1 to 18) artificial sequences.  
AUTHORS Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 687 TCTGCACACCGCTTGA 703  
| | | | | | | | | |  
Db 17 TCTGCACACCGGTCCA 1

RESULT 130  
I43737/c  
LOCUS I43737 18 bp DNA linear PAT 07-OCT-1997  
DEFINITION Sequence 15 from patent US 5633135.  
ACCESSION I43737  
VERSION I43737.1 GI:2468835

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KEYWORDS      .
SOURCE         Unknown.
ORGANISM       Unknown.
REFERENCE      1 (bases 1 to 18)
AUTHORS       Croce, C. and Canaani, B.

Query Match   1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAG 782
DB 17 CAGATCTAGAAAGAG 1

RESULT 131
LOCUS I43771/c 18 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 15 from patent US 5633136.
ACCESSION I43771
VERSION I43771.1 GI:2468869
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Croce, C. and Canaani, B.

Query Match   1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAG 782
DB 17 CAGATCTAGAAAGAG 1

RESULT 132
LOCUS AR266231/c 18 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 43 from patent US 6492173.
ACCESSION AR266231
VERSION AR266231.1 GI:29695077
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cowser, L.M.

Query Match   1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAG 782
DB 17 CAGATCTAGAAAGAG 1

RESULT 133
LOCUS AR119500 18 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 23 from patent US 6153382.
ACCESSION AR119500
VERSION AR119500.1 GI:14102199
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Karn, J., Gait, M. John., Heaphy, S. and Dingwall, C.

Query Match   1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 716 CAAATTTTCAGGAGTGC 732
DB 18 CAAGCCTCAGGAGTGC 2

RESULT 134
LOCUS BD270094 19 bp DNA linear PAT 17-JUL-2003
DEFINITION Secreted proteins and polynucleotides encoding them.
ACCESSION BD270094
VERSION BD270094.1 GI:33079862
KEYWORDS JP 2002537757-A/56.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Valenzuela, D., Yuan, O., Hoffman, H., Hall, J. and Rapiejko, P.

Query Match   1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 660 CTCATGCGAGCTGAGCT 676
DB 3 CTGAGCGCAGAGCT 19

RESULT 135
LOCUS AR110274 19 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 26 from patent US 6114502.
ACCESSION AR110274
VERSION AR110274.1 GI:12826550
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS North, M., Nishina, P., Naggert, J. and Noben-Trauth, K.

Query Match   1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 660 CTCATGCGAGCTGAGCT 676
DB 3 CTGAGCGCAGAGCT 19

RESULT 136
LOCUS BD270094 19 bp DNA linear PAT 17-JUL-2003
DEFINITION Secreted proteins and polynucleotides encoding them.
ACCESSION BD270094
VERSION BD270094.1 GI:33079862
KEYWORDS JP 2002537757-A/56.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Valenzuela, D., Yuan, O., Hoffman, H., Hall, J. and Rapiejko, P.

Query Match   1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 782 GTGTGAGCGCAACTGC 798
DB 2 GTGAGCGCAGAGCTGC 18

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Query Match	1.5%;	Score 12.2;	DB 1;	Length 20;
Best Local Similarity	82.4%;	Pred. No. 1.4e+02;		
Matches	14;	Conservative	0;	Mismatches 3;
			Indels	0;
			Gaps	0;
QY	796	TGCAGGACTGACTGAAC	812	
DB	2	TGCAGGACTGTCGAAC	18	
RESULT 144				
AR066717/c				
LOCUS	AR066717	20 bp	DNA	linear
DEFINITION	Sequence 65 from patent US 5851760.			
ACCESSION	AR066717			
VERSION	AR066717.1	GI:5997939		
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unknown.			
REFERENCE	1 (bases 1 to 20)			
AUTHORS	Evans, G.A. and Smith, M.W.			
Query Match	1.5%;	Score 12.2;	DB 1;	Length 20;
Best Local Similarity	82.4%;	Pred. No. 1.4e+02;		
Matches	14;	Conservative	0;	Mismatches 3;
			Indels	0;
			Gaps	0;
QY	252	AAGGACTTGACAGGAG	268	
DB	20	ATGGACCAAGACAGGAG	4	
RESULT 145				
AR136566				
LOCUS	AR136566	20 bp	DNA	linear
DEFINITION	Sequence 56 from patent US 6136952.			
ACCESSION	AR136566			
VERSION	AR136566.1	GI:14477238		
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unknown.			
REFERENCE	1 (bases 1 to 20)			
AUTHORS	Li, L. and Hood, L.			
Query Match	1.5%;	Score 12.2;	DB 1;	Length 20;
Best Local Similarity	82.4%;	Pred. No. 1.4e+02;		
Matches	14;	Conservative	0;	Mismatches 3;
			Indels	0;
			Gaps	0;
QY	168	CATCCCGCTGACAGTCA	184	
DB	4	CCTCCAGGTGACAGTCA	20	
RESULT 146				
AR207157				
LOCUS	AR207157	20 bp	DNA	linear
DEFINITION	Sequence 51 from patent US 6372492.			
ACCESSION	AR207157			
VERSION	AR207157.1	GI:21505979		
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unknown.			
REFERENCE	1 (bases 1 to 20)			
AUTHORS	Bennett, C. Frank. and Cowser, L.M.			
Query Match	1.5%;	Score 12.2;	DB 1;	Length 20;
Best Local Similarity	82.4%;	Pred. No. 1.4e+02;		
Matches	14;	Conservative	0;	Mismatches 3;
			Indels	0;
			Gaps	0;
QY	387	CTGGCGGCGCACACAC	403	





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Db      14 AGGAGATGGCAG 3
|||||
RESULT 157
AX648757/c
LOCUS      17 bp      DNA      linear      PAT 22-MAR-2003
DEFINITION Sequence 597 from Patent EP1273660.
ACCESSION  AX648757
VERSION     AX648757.1  GI:29151575
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE  1
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      757 AGGAGATGGCAG 768
Db      13 AGGAGATGGCAG 2
|||||
RESULT 158
AX648758/c
LOCUS      17 bp      DNA      linear      PAT 22-MAR-2003
DEFINITION Sequence 598 from Patent EP1273660.
ACCESSION  AX648758
VERSION     AX648758.1  GI:29151576
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE  1
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      757 AGGAGATGGCAG 768
Db      12 AGGAGATGGCAG 1
|||||
RESULT 159
AX729345/c
LOCUS      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 979 from Patent WO03025175.
ACCESSION  AX729345
VERSION     AX729345.1  GI:30508698
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE  1
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      260 AGACAGGAGCAG 271
Db      17 AGACAGGAGCAG 6
|||||
RESULT 160
AX739164
LOCUS      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 979 from Patent WO03025175.
ACCESSION  AX739164
VERSION     AX739164.1  GI:30508698
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE  1
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      260 AGACAGGAGCAG 271
Db      17 AGACAGGAGCAG 6
|||||
RESULT 161
AX739164
LOCUS      17 bp      DNA      linear      PAT 25-JUN-2003
DEFINITION Sequence 1064 from Patent WO03040369.
ACCESSION  AX739164
VERSION     AX739164.1  GI:32252359
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE  1
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      664 TGCAGCTGAAGC 675
Db      5 TGCAGCTGAAGC 16
|||||
RESULT 162
AX783690
LOCUS      17 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Sequence 2021 from Patent WO03050284.
ACCESSION  AX783690
VERSION     AX783690.1  GI:32951539
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE  1
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      664 TGCAGCTGAAGC 675
Db      5 TGCAGCTGAAGC 16
|||||
RESULT 163
AX783691
LOCUS      17 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Sequence 2022 from Patent WO03050284.
ACCESSION  AX783691
VERSION     AX783691.1  GI:32951540
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE  1
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      756 AAGGAGATGGCA 767
Db      2 AAGGAGATGGCA 13
|||||
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REFERENCE 1 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.1e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 756 AAGGAGATGCCA 767

Db 1 AAGGAGATGCCA 12

RESULT 164  
AR203413 18 bp DNA linear PAT 20-JUN-2002  
LOCUS  
DEFINITION Sequence 29 from patent US 6365376.  
ACCESSION AR203413  
VERSION AR203413.1 GI:21499796  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)  
AUTHORS Brzostowicz, P.C. and Rouviere, P.E.  
Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 85.7%; Pred. No. 1.3e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 723 CAGGAGCTGGGTA 736

Db 1 CAGGAGCTGGGTA 14

RESULT 165  
AR236673 18 bp DNA linear PAT 20-DEC-2002  
LOCUS  
DEFINITION Sequence 29 from patent US 6465224.  
ACCESSION AR236673  
VERSION AR236673.1 GI:27280774  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)  
AUTHORS Brzostowicz, P.C. and Rouviere, P.E.  
Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 85.7%; Pred. No. 1.3e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 723 CAGGAGCTGGGTA 736

Db 1 CAGGAGCTGGGTA 14

RESULT 166  
AR428805 20 bp DNA linear PAT 18-DEC-2003  
LOCUS  
DEFINITION Sequence 16 from patent US 6642041.  
ACCESSION AR428805  
VERSION AR428805.1 GI:40188591  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Chen, J., Feder, J.N., Nelson, T.C., Krystek, S.R. and Duclos, F.  
Query Match 1.4%; Score 12; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 1.6e+02;  
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGCAGCT 155

Db 1 CTGCTTTGGGGCTGCAGCT 20

RESULT 167  
AX742820 20 bp DNA linear PAT 12-MAY-2003  
LOCUS  
DEFINITION Sequence 623 from Patent EP1302550.  
ACCESSION AX742820  
VERSION AX742820.1 GI:30576809  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1  
AUTHORS Lin, C.Y., Lin, R.W., You, C.M., Huang, H.H., Lee, B.H., Lee, H.H.,  
Query Match 1.4%; Score 12; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 1.6e+02;  
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 263 CAGGAGCACCTTCAGAAAGT 282

Db 1 CAGGAGCACCTTCAGAAAGT 20

RESULT 168  
BD184225 20 bp DNA linear PAT 17-JUN-2003  
LOCUS  
DEFINITION Method and detector for identifying subtypes of human papilloma  
viruses.  
ACCESSION BD184225  
VERSION BD184225.1 GI:31876425  
KEYWORDS JP 2002360271-A/204.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
artificial sequences.

REFERENCE 1 (bases 1 to 20)  
Query Match 1.4%; Score 12; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 1.6e+02;  
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 263 CAGGAGCACCTTCAGAAAGT 282

Db 1 CAGGAGCACCTTCAGAAAGT 20

RESULT 169  
AR126708/c 20 bp DNA linear PAT 16-MAY-2001  
LOCUS  
DEFINITION Sequence 137 from patent US 6180353.  
ACCESSION AR126708  
VERSION AR126708.1 GI:14113301  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)  
AUTHORS Dean, N.M. and Cowser, L.M.  
Query Match 1.4%; Score 12; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 1.6e+02;  
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 714 GCCAAATTCAGAGCTGCG 733

Db 20 GTCAGTTACAGAGCTGCG 1

RESULT 170  
E06124

LOCUS	E06124	20 bp	DNA	linear	PAT 29-SEP-1990
DEFINITION	Primer.				
ACCESSION	E06124				
VERSION	E06124.1				
KEYWORDS	JP 1993344881-A/15.				
SOURCE	synthetic construct				
ORGANISM	synthetic construct				
REFERENCE	1 (bases 1 to 20)				
AUTHORS	Kikuchi,T., Fukase,K., Sotouchi,N. and Kurahashi,O.				
Query Match	1.4%;	Score 12;	DB 1;	Length 20;	
Best Local Similarity	75.0%;	Pred. No. 1.6e+02;			
Matches	15;	Conservative 0;	Mismatches 5;	Indels 0;	Gaps 0;
Qy	765 GCAGAACTGGAGAAAGTG 784				
Db	1 GCGAGGCTCGAGAAAGTG 20				
RESULT:171					
AR298548/c		20 bp	DNA	linear	PAT 12-JUN-2003
LOCUS	AR298548				
DEFINITION	Sequence 10283 from patent US 6537751.				
ACCESSION	AR298548				
VERSION	AR298548.1				
KEYWORDS	GI:31685832				
SOURCE	Unknown.				
ORGANISM	Unknown.				
REFERENCE	Unclassified.				
AUTHORS	Cohen,D., Chumakov,I. and Blumenfeld,M.				
Query Match	1.4%;	Score 12;	DB 1;	Length 20;	
Best Local Similarity	75.0%;	Pred. No. 1.6e+02;			
Matches	15;	Conservative 0;	Mismatches 5;	Indels 0;	Gaps 0;
Qy	710 CATAGCCAAATTCAGGAGC 729				
Db	20 CACATCCAAAGTTGAGGGC 1				
RESULT 172					
AR311424		20 bp	DNA	linear	PAT 12-JUN-2003
LOCUS	AR311424				
DEFINITION	Sequence 1961 from patent US 6559294.				
ACCESSION	AR311424				
VERSION	AR311424.1				
KEYWORDS	GI:31704850				
SOURCE	Unknown.				
ORGANISM	Unknown.				
REFERENCE	1 (bases 1 to 20)				
AUTHORS	Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,				
Query Match	1.4%;	Score 12;	DB 1;	Length 20;	
Best Local Similarity	75.0%;	Pred. No. 1.6e+02;			
Matches	15;	Conservative 0;	Mismatches 5;	Indels 0;	Gaps 0;
Qy	758 GGAGATGCCAGAACTGGAGA 777				
Db	1 GGAATAGGCTTAATCTGGAGA 20				
RESULT 173					
AX293555		20 bp	DNA	linear	PAT 21-NOV-2001
LOCUS	AX293555				
DEFINITION	Sequence 5317 from Patent WO0179548.				
ACCESSION	AX293555				
VERSION	AX293555.1				
KEYWORDS	GI:17055238				
SOURCE	synthetic construct				
ORGANISM	synthetic construct				

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QY 306 CTGCTGGGAAAGACTGCAG 325
Db 1 CTGCAGGAGGAGCAGCAG 20

RESULT 177
I76278
LOCUS I76278 22 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 13 from patent US 5691155.
ACCESSION I76278
VERSION I76278.1 GI:3012432
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS Nahmias,C., Emorine,L.Jean. and Strosberg,A.Donny.

Query Match 1.4%; Score 12; DB 1; Length 22;
Best Local Similarity 75.0%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 306 CTGCATGGGAAAGACTGCAG 325
Db 1 CTGCAGGAGGAGCAGCAG 20

RESULT 178
AX659620/c
LOCUS AX659620 16 bp DNA linear PAT 03-APR-2003
DEFINITION Sequence 14 from Patent WO02103014.
ACCESSION AX659620
VERSION AX659620.1 GI:29161802
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Al-Mahmood,S.

Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGGCT 427
Db 16 GCAGGCCCTCGGAT 2

RESULT 179
AX690595/c
LOCUS AX690595 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 3327 from Patent EP1281758.
ACCESSION AX690595
VERSION AX690595.1 GI:29413476
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAAGAGCTCCAGGA 475
Db 17 GGCAGAGCTCTCTGGA 3

RESULT 180
AX690596/c
LOCUS AX690596 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 3328 from Patent EP1281758.
ACCESSION AX690596
VERSION AX690596.1 GI:29413477
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAAGAGCTCCAGGA 475
Db 16 GGCAGAGCTCTCTGGA 2

RESULT 181
AX690597/c
LOCUS AX690597 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 3329 from Patent EP1281758.
ACCESSION AX690597
VERSION AX690597.1 GI:29413478
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAAGAGCTCCAGGA 475
Db 15 GGCAGAGCTCTCTGGA 1

RESULT 182
AX272822
LOCUS AX272822 17 bp RNA linear PAT 29-OCT-2001
DEFINITION Sequence 391 from Patent WO0162911.
ACCESSION AX272822
VERSION AX272822.1 GI:16545559
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGCGAT 570
Db 3 CCCACAGCAGCGAT 17

RESULT 183
AX530985
LOCUS AX530985 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 494 from Patent EP1239051.
ACCESSION AX530985
VERSION AX530985.1 GI:25253757
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens

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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 461 GGAAGAGCTCCAGGA 475
Db 2 GGCAGAGCTCCGGA 16

RESULT 184
AX6930986
LOCUS AX6930986 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 495 from Patent EP1239051.
ACCESSION AX6930986
VERSION AX6930986.1 GI:25253759
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 461 GGAAGAGCTCCAGGA 475
Db 1 GGCAGAGCTCCGGA 15

RESULT 185
AX693203/c
LOCUS AX693203 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5935 from Patent EPI281758.
ACCESSION AX693203
VERSION AX693203.1 GI:29416167
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 408 CTCAGAGCTCTC 422
Db 17 CTCAGAGCTCTC 3

RESULT 186
AX693204/c
LOCUS AX693204 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5936 from Patent EPI281758.
ACCESSION AX693204
VERSION AX693204.1 GI:29416168
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 408 CTCAGAGCTCTC 422
Db 17 CTCAGAGCTCTC 3

RESULT 187
AX693205/c
LOCUS AX693205 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5937 from Patent EPI281758.
ACCESSION AX693205
VERSION AX693205.1 GI:29416169
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 408 CTCAGAGCTCTC 422
Db 15 CTCAGAGCTCTC 1

RESULT 188
AX922649
LOCUS AX922649 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 989 from Patent WO02068649.
ACCESSION AX922649
VERSION AX922649.1 GI:40215595
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS
Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 639 CGCTCCCTGCAACCG 653
Db 1 CGCTACCTGCAGCCG 15

RESULT 189
AR039873/c
LOCUS AR039873 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 721 from patent US 5807743.
ACCESSION AR039873
VERSION AR039873.1 GI:5959236
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb, D.T. and McSwiggen, J.A.
Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 824 GGGTCTGAGCTGG 838
Db 17 GGGTCTGAGCTGG 3

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RESULT 190
AX273048      17 bp      RNA      linear      PAT 29-OCT-2001
LOCUS
DEFINITION   Sequence 617 from Patent WO0162911.
ACCESSION   AX273048
VERSION      AX273048.1 GI:16545785
KEYWORDS     Homo sapiens (human)
SOURCE       Homo sapiens
ORGANISM     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      556 CCCAACAGCAGGGAT 570
Db      2 CCCACAGCAGCGAT 16
      |||||
      |||||

RESULT 191
AX217865      17 bp      RNA      linear      PAT 07-SEP-2001
LOCUS
DEFINITION   Sequence 3307 from Patent WO0159103.
ACCESSION   AX217865
VERSION      AX217865.1 GI:15527926
KEYWORDS     synthetic construct
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Blatt, L., Meswigen, J. and Chowira, B.M.

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      276 AGAAGTTGTTGAAA 290
Db      16 AGAAGTTGCTCAA 2
      |||||
      |||||

RESULT 192
AX530984      17 bp      DNA      linear      PAT 22-NOV-2002
LOCUS
DEFINITION   Sequence 493 from Patent EP1239051.
ACCESSION   AX530984
VERSION      AX530984.1 GI:25253755
KEYWORDS     Homo sapiens (human)
SOURCE       Homo sapiens
ORGANISM     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      461 GGAAGAGCTCCAGGA 475
Db      3 GCGAGAGCTCCGGA 17
      |||||
      |||||

RESULT 193
AX201312/c    17 bp      DNA      linear      PAT 29-AUG-2001
LOCUS
DEFINITION   Sequence 137 from Patent WO0142457.
ACCESSION   AX201312
VERSION      AX201312.1 GI:15391090
KEYWORDS

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SOURCE       synthetic construct
ORGANISM     synthetic construct
REFERENCE    1
AUTHORS      Iversen, P.L.

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      684 GGATCTGCACACCG 698
Db      17 GGATCAGCAGCGCG 3
      |||||
      |||||

RESULT 194
AX687553/c    17 bp      DNA      linear      PAT 31-MAR-2003
LOCUS
DEFINITION   Sequence 285 from Patent EP1281758.
ACCESSION   AX687553
VERSION      AX687553.1 GI:29410249
KEYWORDS     Homo sapiens (human)
SOURCE       Homo sapiens
ORGANISM     Homo sapiens
REFERENCE    1
AUTHORS      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      421 TCCGGCTCCCGCTG 435
Db      15 TCCAGCTGCTCCTG 1
      |||||
      |||||

RESULT 195
AX729841/c    17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS
DEFINITION   Sequence 1475 from Patent WO03025175.
ACCESSION   AX729841
VERSION      AX729841.1 GI:30509184
KEYWORDS     Homo sapiens (human)
SOURCE       Homo sapiens
ORGANISM     Homo sapiens
REFERENCE    1
AUTHORS      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      724 AGGAGCTCGGTACA 738
Db      17 AGGAGCTCGAGTAGA 3
      |||||
      |||||

RESULT 196
AX753815/c    17 bp      DNA      linear      PAT 23-JUN-2003
LOCUS
DEFINITION   Sequence 162 from Patent WO03037931.
ACCESSION   AX753815
VERSION      AX753815.1 GI:32166512
KEYWORDS     Homo sapiens (human)
SOURCE       Homo sapiens
ORGANISM     Homo sapiens
REFERENCE    1
AUTHORS      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.4%; Score 11.8; DB 1; Length 17;

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Best Local Similarity 86.7%; Pred. No. 1.3e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 420 CTCGGGCTGCCCT 434  
Db 15 CTCGCTGCTGCCCT 1

RESULT 197  
AX757723/c  
LOCUS AX757723 17 bp DNA linear PAT 25-JUN-2003  
DEFINITION Sequence 1044 from Patent WO03040369.  
ACCESSION AX757723  
VERSION AX757723.1 GI:32252339  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 1.3e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 255 GACTTAGACAGGAGC 269  
Db 15 GACATAGACAGGATC 1

RESULT 198  
AX273047/c  
LOCUS AX273047 17 bp RNA linear PAT 29-OCT-2001  
DEFINITION Sequence 616 from Patent WO0162911.  
ACCESSION AX273047  
VERSION AX273047.1 GI:16545784  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 1.3e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 140 TTTGGGGCTGCAGC 154  
Db 17 TGTGGGGCTGCTGC 3

RESULT 199  
AX659619/c  
LOCUS AX659619 17 bp DNA linear PAT 03-APR-2003  
DEFINITION Sequence 13 from Patent WO02103014.  
ACCESSION AX659619  
VERSION AX659619.1 GI:29161801  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 Al-Mahmood, S.

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 1.3e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 413 GCAGGCTCCGGCT 427  
Db 16 GCAGGCTCCGGAT 2

Best Local Similarity 86.7%; Pred. No. 1.3e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 420 CTCGGGCTGCCCT 434  
Db 15 CTCGCTGCTGCCCT 1

RESULT 200  
AX6386/c  
LOCUS AX6386 18 bp DNA linear PAT 07-APR-1995  
DEFINITION Probe no.4.  
ACCESSION AX6386  
VERSION AX6386.1 GI:904943  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 1.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 403 CCCTGCTCCAGCAGG 417  
Db 15 CCCAGCTCCAGGAGG 1

RESULT 201  
AR160830  
LOCUS AR160830 18 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 34 from patent US 6255111.  
ACCESSION AR160830  
VERSION AR160830.1 GI:16225621  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Bennett, C. Frank, and Cowser, L. M.

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 1.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 389 GCGGGGCGCACAC 403  
Db 4 GCGAGGCGCACAC 18

RESULT 202  
AX427087/c  
LOCUS AX427087 18 bp DNA linear PAT 18-JUN-2002  
DEFINITION Sequence 51 from Patent WO0196604.  
ACCESSION AX427087  
VERSION AX427087.1 GI:21530470  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1 Bee, G., Kohne, D. E., Korb, L., Peterson, T. and Yguerabide, J.

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 1.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 399 CACACCTGCTCCAG 413  
Db 15 CACCCACTGCTCCAG 1

RESULT 203  
AX201311/c  
LOCUS AX201311 18 bp DNA linear PAT 29-AUG-2001  
DEFINITION Sequence 136 from Patent WO0142457.  
ACCESSION AX201311  
VERSION AX201311.1 GI:15391089

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KEYWORDS      synthetic construct
SOURCE         synthetic construct
ORGANISM       artificial sequences.
REFERENCE      1
AUTHORS        Iversen, P.L.

Query Match    1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      684 GGATCTGCACACCGC 698
Db      18 GGATCAGCACCGCCG 4

RESULT 204
LOCUS      AX659618              18 bp      DNA      linear      PAT 03-APR-2003
DEFINITION Sequence 12 from Patent WO02103014;
ACCESSION  AX659618
VERSION     AX659618.1 GI:29161800
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Al-Mahmood, S.

Query Match    1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      413 GCAGGCTCTCCGGCT 427
Db      16 GCAGGCCCTCCGGAT 2

RESULT 205
LOCUS      AR220139              19 bp      DNA      linear      PAT 26-SEP-2002
DEFINITION Sequence 4 from patent US 6423543.
ACCESSION  AR220139
VERSION     AR220139.1 GI:23324582
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 19)
AUTHORS      Marcotte, P.A. and Cowseart, L.M.

Query Match    1.4%; Score 11.8; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      723 CAGGAGCTGGGTAC 737
Db      5 CAGGAGCGGTGTAC 19

RESULT 206
LOCUS      AX201306              19 bp      DNA      linear      PAT 29-AUG-2001
DEFINITION Sequence 131 from Patent WO0142457.
ACCESSION  AX201306
VERSION     AX201306.1 GI:15391084
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Iversen, P.L.

KEYWORDS      1.4%; Score 11.8; DB 1; Length 19;
SOURCE         86.7%; Pred. No. 1.7e+02;
ORGANISM       0; Mismatches 2; Indels 0; Gaps 0;
REFERENCE      13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
AUTHORS        684 GGATCTGCACACCGC 698
                19 GGATCAGCACCGCCG 5

Query Match    1.4%; Score 11.8; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      684 GGATCTGCACACCGC 698
Db      19 GGATCAGCACCGCCG 5

RESULT 207
LOCUS      I21087              19 bp      DNA      linear      PAT 07-OCT-1996
DEFINITION Sequence 58 from patent US 5518880.
ACCESSION  I21087
VERSION     I21087.1 GI:1601441
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 19)
AUTHORS      Leonard, W.J., Noguchi, M. and McBride, O. Wesley.

Query Match    1.4%; Score 11.8; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      382 TCCTGCTGCGGGCA 396
Db      1 TCCTGCTGCGAGGCA 15

RESULT 208
LOCUS      AX298904              20 bp      DNA      linear      PAT 26-NOV-2001
DEFINITION Sequence 538 from Patent WO0183749.
ACCESSION  AX298904
VERSION     AX298904.1 GI:17128894
KEYWORDS    Mus sp.
SOURCE      Mus sp.
ORGANISM     Mus sp.
REFERENCE    1
                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

Query Match    1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      466 AGCTCCAGGAACCTTG 480
Db      16 AGCTCTGAAACTTG 2

RESULT 209
LOCUS      AR268292              20 bp      DNA      linear      PAT 10-APR-2003
DEFINITION Sequence 84 from patent US 6498035.
ACCESSION  AR268292
VERSION     AR268292.1 GI:29698567
KEYWORDS    Unknown.
SOURCE      Unknown.
ORGANISM     Unknown.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Wyatt, J.

Query Match    1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      145 GGGCTGCAGTCCCAT 159
Db      4 GGGCTGCCACTCCAT 18

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Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 463 AAGAGCTCCAGGACTTG 480
Db 1 AAGAGCTCTCGACGTGG 18

RESULT 217
AX226473
LOCUS      AX226473      18 bp      DNA      linear      PAT 10-SEP-2001
DEFINITION Sequence 129 from Patent WO0155179.
ACCESSION  AX226473
VERSION     AX226473.1 GI:15555687
KEYWORDS    .
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE 1
AUTHORS     Prayaga, S.K., Padigaru, M., Spytek, K.A., Li, L., Tchernev, V.T.,

Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 239 GGCTCAGCTCTTGAAGGA 256
Db 1 GGCCAGGACCTGAAGGA 18

RESULT 218
AX590584/c
LOCUS      AX590584      18 bp      DNA      linear      PAT 27-JAN-2003
DEFINITION Sequence 24 from Patent WO02086113.
ACCESSION  AX590584
VERSION     AX590584.1 GI:27949193
KEYWORDS    .
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE 1
AUTHORS     Cookson, W.O., Moffat, M.F., Allen, M. and Lench, N.

Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 772 TGGAGAGAGAGTGTGAGC 789
Db 18 TGGAGAGAGCTACGAGC 1

RESULT 219
AR134308/c
LOCUS      AR134308      18 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 2733 from patent US 6194150.
ACCESSION  AR134308
VERSION     AR134308.1 GI:14123213
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS     Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.

Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 770 ACTGGAGAGAGTGTGCA 787
Db 1 ACTGGAGAGAGTGTGCA 787

Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 463 AAGAGCTCCAGGACTTG 480
Db 1 AAGAGCTCTCGACGTGG 18

RESULT 220
BD238192/c
LOCUS      BD238192      18 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Accelerated identification of polymorphism of single nucleotide in genome sequencing and alignment of clones.
ACCESSION  BD238192
VERSION     BD238192.1 GI:33047962
KEYWORDS    JP 2002534098-A/27.
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE 1 (bases 1 to 18)

Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 639 CGCTCCCTGCAACCGAGT 656
Db 18 CGCTCGCGCAGCGGTGT 1

RESULT 221
BD104488/c
LOCUS      BD104488      18 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION Kit and method for determining HLA type.
ACCESSION  BD104488
VERSION     BD104488.1 GI:22650062
KEYWORDS    WO 0192572-A/592.
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS     Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and

Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 287 GAACTTGTAGTCGGGCG 304
Db 18 GAACTGTCTGTGGGCG 1

RESULT 222
AX082062/c
LOCUS      AX082062      19 bp      DNA      linear      PAT 27-FEB-2001
DEFINITION Sequence 306 from Patent WO0109183.
ACCESSION  AX082062
VERSION     AX082062.1 GI:13170870
KEYWORDS    .
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE 1
AUTHORS     Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. and Roots, I.

Query Match      1.4%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 414 CAGGCTCTCCGGCTGCC 431
Db 19 CAGGCGCACGCTTGCCC 2

RESULT 223
AX082064
LOCUS      AX082064      19 bp      DNA      linear      PAT 27-FEB-2001
DEFINITION Sequence 308 from Patent WO0109183.

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ACCESSION AX082064  
VERSION AX082064.1 GI:13170872  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.  
Query Match 1.4%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 2e+02; 4; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 414 CAGGCTCTCGGTCGCC 431  
DB 1 CAGGCCACCGTCTGCC 18  
RESULT 224  
LOCUS AR411361/c 19 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 6 from patent US 6635811.  
ACCESSION AR411361  
VERSION AR411361.1 GI:40163465  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Flintham,J.E., Gale,M.D., Holdsworth,M.J. and Lenton,J.R.  
Query Match 1.4%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 2e+02; 4; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 397 CACACACCTGCTCCAGC 414  
DB 18 CTCGCACCTGCTCCGC 1  
RESULT 225  
LOCUS AX004623/c 19 bp DNA linear PAT 24-AUG-2000  
DEFINITION Sequence 6 from Patent WO9915667.  
ACCESSION AX004623  
VERSION AX004623.1 GI:9928065  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Flintham,J.E. and Holdsworth,M.J.  
Query Match 1.4%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 2e+02; 4; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 397 CACACACCTGCTCCAGC 414  
DB 18 CTCGCACCTGCTCCGC 1  
RESULT 226  
LOCUS AR294645 19 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 6380 from patent US 6537751.  
ACCESSION AR294645  
VERSION AR294645.1 GI:31681929  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
Query Match 1.4%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 2e+02; 4; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 760 AGATGGCAGAACTGGAGA 777  
DB 1 AAATAGCAGATTGGAGA 18  
RESULT 227  
LOCUS AR350089 19 bp DNA linear PAT 17-AUG-2003  
DEFINITION Sequence 28 from patent US 6586229.  
ACCESSION AR350089  
VERSION AR350089.1 GI:33751044  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Ben-Bassat,A., Cattermole,M., Gatenby,A.A., Gibson,K.J.,  
Query Match 1.4%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 2e+02; 4; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 737 CAGTGTAGCCTTGGTCCT 754  
DB 18 CAGCATGGCCTTGGTCAT 1  
RESULT 228  
LOCUS AX322567/c 19 bp DNA linear PAT 02-SEP-2002  
DEFINITION Sequence 28 from Patent WO0192539.  
ACCESSION AX322567  
VERSION AX322567.1 GI:18093587  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM artificial sequences.  
REFERENCE 1  
AUTHORS Ben-Bassat,A., Cattermole,M., Gatenby,A.A., Gibson,K.J.,  
Query Match 1.4%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 2e+02; 4; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 737 CAGTGTAGCCTTGGTCCT 754  
DB 18 CAGCATGGCCTTGGTCAT 1  
RESULT 229  
LOCUS AR295244/c 19 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 6979 from patent US 6537751.  
ACCESSION AR295244  
VERSION AR295244.1 GI:31682528  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.  
Query Match 1.4%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 2e+02; 4; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 637 CCGCTCCTCGCAACCGA 654



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REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Dean,N., Monia,B.P., Nero,P.S. and Gaarde,W.A.
Query Match 1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 134 GTCTGCTTTGGGGCTGC 151
DB 18 GTCTCCTTTAGGTGCAGC 1

RESULT 237
LOCUS ARI129648/c 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 52 from patent US 6187545.
ACCESSION ARI129648
VERSION ARI129648.1 GI:14117545
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Butler,M.M., Wyatt,J. and Cowser,L.M.
Query Match 1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 350 CAGGCGCACTGTCAGA 367
DB 19 CATCGCCCACTGCCTGA 2

RESULT 238
LOCUS BD074699 20 bp DNA linear PAT 27-AUG-2002
DEFINITION Antisense oligonucleotide composition and modulation method of JNK protein.
ACCESSION BD074699
VERSION BD074699.1 GI:22620302
KEYWORDS JP 2001514905-A/123.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
Query Match 1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 748 TGTCTCTTAAGGAGATGG 765
DB 3 TGCACCTAAAGGAGACGG 20

RESULT 239
LOCUS BD074699/c 20 bp DNA linear PAT 27-AUG-2002
DEFINITION Antisense oligonucleotide composition and modulation method of JNK protein.
ACCESSION BD074699
VERSION BD074699.1 GI:22620302
KEYWORDS JP 2001514905-A/123.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
Query Match 1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 134 GTCTGCTTTGGGGCTGC 151
DB 18 GTCTCCTTTAGGTGCAGC 1

RESULT 240
LOCUS ARI16443 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 24 from patent US 6133246.
ACCESSION ARI16443
VERSION ARI16443.1 GI:14096765
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Dean,N., Monia,B.P., Nero,P.S. and Gaarde,W.A.
Query Match 1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 751 TCCTTAAGGAGATGGCAG 769
DB 1 TCCTTAAGGAGAGGCTG 18

RESULT 241
LOCUS E13882 20 bp DNA linear PAT 27-APR-1998
DEFINITION PCR primer for amplifying ob gene fragment.
ACCESSION E13882
VERSION E13882.1 GI:3252649
KEYWORDS JP 1997238594-A/2.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Hirasawa,T. and Makino,S.
Query Match 1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 239 GGCTCAGCTCTTGAGGA 256
DB 3 GGAGCAGCTCTTGAGAA 20

RESULT 242
LOCUS ARI199744/c 20 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 5 from patent US 6355482.
ACCESSION ARI199744
VERSION ARI199744.1 GI:20249818
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank. and Freier,S.M.
Query Match 1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 736 ACAGTGTAGCCTTGCTCC 753
DB 20 ACTACGTGCCTTGCTCC 3

RESULT 243
LOCUS ARI199779/c 20 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 5 from patent US 6355482.
ACCESSION ARI199779
VERSION ARI199779.1 GI:20249818
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank. and Freier,S.M.
Query Match 1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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LOCUS ARL99779 20 bp DNA linear PAT 20-APR-2002  
 DEFINITION Sequence 40 from patent US 6355482.  
 ACCESSION ARL99779  
 VERSION ARL99779.1 GI:20249853  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unclassified.  
 REFERENCE 1 (bases 1 to 20)  
 AUTHORS Bennett,C.Frank, and Freier,S.M.  
 Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 2.2e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 736 ACAGTGTAGCTGGTCC 753  
 Db 18 ACTACGTGGCTGGTCC 1  
 RESULT 244  
 BD074600  
 LOCUS BD074600 20 bp DNA linear PAT 27-AUG-2002  
 DEFINITION Antisense oligonucleotide composition and modulation method of JNK protein.  
 ACCESSION BD074600  
 VERSION BD074600.1 GI:22620203  
 KEYWORDS JP 2001514905-A/24.  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1 (bases 1 to 20)  
 Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 2.2e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 751 TCCTTAAGGAGATGGCAG 768  
 Db 1 TGCTAAAGGAGAGGGCTG 18  
 RESULT 245  
 BD177732  
 LOCUS BD177732 20 bp DNA linear PAT 16-APR-2003  
 DEFINITION A method for snp typing.  
 ACCESSION BD177732  
 VERSION BD177732.1 GI:30014994  
 KEYWORDS JP 2002300894-A/22.  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1 (bases 1 to 20)  
 AUTHORS Nakamura,Y., Tanaka,T., Onishi,Y., Ozaki,K. and Yamada,A.  
 Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 2.2e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 820 CTGTGGGTGCTGAAGCTG 837  
 Db 3 CTGCTGCTGTGAGCTG 20  
 RESULT 246  
 BD178762/c  
 LOCUS BD178762 20 bp DNA linear PAT 16-APR-2003  
 DEFINITION Gene panel for genes involving liver regeneration.  
 ACCESSION BD178762  
 VERSION BD178762.1 GI:30016029  
 KEYWORDS WO 02077222-A/100.  
 SOURCE synthetic construct  
 ORGANISM synthetic construct

artificial sequences.  
 REFERENCE 1 (bases 1 to 20)  
 AUTHORS Yokoya,F., Okutsu,T., Mori,M., Yoshiyuki, Takahara, Fukuda,H.,  
 Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 2.2e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 708 CCCATAGCCAAATTCAG 725  
 Db 18 CCAATAGCCATGTTCCAG 1  
 RESULT 247  
 AR043936/c  
 LOCUS AR043936 21 bp DNA linear PAT 29-SEP-1999  
 DEFINITION Sequence 10 from patent US 5817311.  
 ACCESSION AR043936  
 VERSION AR043936.1 GI:5965401  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 21)  
 AUTHORS Bazin,H. and Latinne,D.  
 Query Match 1.4%; Score 11.6; DB 1; Length 21;  
 Best Local Similarity 77.8%; Pred. No. 2.5e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 660 CTCATGCAGCTGAAGCTC 677  
 Db 18 CTGCTGCAGCTGGACCTC 1  
 RESULT 248  
 AR073469/c  
 LOCUS AR073469 21 bp DNA linear PAT 28-AUG-2000  
 DEFINITION Sequence 10 from patent US 5951983.  
 ACCESSION AR073469  
 VERSION AR073469.1 GI:10000233  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 21)  
 AUTHORS Bazin,H., Latinne,D., Kaplan,R., Kieber-Emmons,T., Postema,C.E. and  
 Query Match 1.4%; Score 11.6; DB 1; Length 21;  
 Best Local Similarity 77.8%; Pred. No. 2.5e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 660 CTCATGCAGCTGAAGCTC 677  
 Db 18 CTGCTGCAGCTGGACCTC 1  
 RESULT 249  
 I93340/c  
 LOCUS I93340 21 bp DNA linear PAT 01-DEC-1998  
 DEFINITION Sequence 10 from patent US 5730979.  
 ACCESSION I93340  
 VERSION I93340.1 GI:3937810  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 21)  
 AUTHORS Bazin,H. and Latinne,D.  
 Query Match 1.4%; Score 11.6; DB 1; Length 21;  
 Best Local Similarity 77.8%; Pred. No. 2.5e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY 660 CTATGCACTGAGCTC 677
Db 18 CTGCTGCACTGAGCTC 1

RESULT 250
AX022063/c
LOCUS 21 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 10 from Patent EP0959899.
ACCESSION AX022063
VERSION AX022063.1 GI:10045762
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1
AUTHORS Latinne,D., Bazin,H., Postema,C.E., White-Scharf,M.E., Kaplan,R.

Query Match 1.4%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 660 CTATGCACTGAGCTC 677
Db 18 CTGCTGCACTGAGCTC 1

RESULT 251
BD080640/c
LOCUS 21 bp DNA linear PAT 27-AUG-2002
DEFINITION LO-CD2a antibody inhibiting activation and proliferation of T cells
and utilization thereof.
ACCESSION BD080640
VERSION BD080640.1 GI:22626243
KEYWORDS JP 2001510027-A/10.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 21)

Query Match 1.4%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 660 CTATGCACTGAGCTC 677
Db 18 CTGCTGCACTGAGCTC 1

RESULT 252
BD087586/c
LOCUS 21 bp DNA linear PAT 27-AUG-2002
DEFINITION LO-CD2a antibody and uses thereof for inhibiting T-cell activation
and proliferation.
ACCESSION BD087586
VERSION BD087586.1 GI:22633196
KEYWORDS JP 2001521374-A/10.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 21)

Query Match 1.4%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 660 CTATGCACTGAGCTC 677
Db 18 CTGCTGCACTGAGCTC 1

RESULT 253
BD087586/c
LOCUS 21 bp DNA linear PAT 27-AUG-2002
DEFINITION LO-CD2a antibody and uses thereof for inhibiting T-cell activation
and proliferation.
ACCESSION BD087586
VERSION BD087586.1 GI:22633196
KEYWORDS JP 2001521374-A/10.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 21)

Query Match 1.4%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 660 CTATGCACTGAGCTC 677
Db 18 CTGCTGCACTGAGCTC 1

RESULT 254
BD266224/c
LOCUS 16 bp DNA linear PAT 17-JUL-2003
DEFINITION Universal arrays.
ACCESSION BD266224
VERSION BD266224.1 GI:33075992
KEYWORDS JP 2002539849-A/224.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 16)
AUTHORS Fan,J.B., Hirschhorn,J.N., Huang,X., Kaplan,P., Lander,E.S.,

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 507 TTGGCCAGTTGG 519
Db 13 TTGGCCAGTTGG 1

RESULT 255
AR391567/c
LOCUS 16 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 179 from patent US 6613520.
ACCESSION AR391567
VERSION AR391567.1 GI:40115078
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Ashby,M.

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 AGCTGCGGTACAG 739
Db 16 AGCTGCGGTACAG 4

RESULT 256
AX282047/c
LOCUS 16 bp DNA linear PAT 02-NOV-2001
DEFINITION Sequence 179 from Patent WO0177392.
ACCESSION AX282047
VERSION AX282047.1 GI:16609298
KEYWORDS
SOURCE unidentified

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ORGANISM unidentified
REFERENCE 1 unclassified.
AUTHORS Ashby,M.

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 AGCTCGGTACAG 739
Db 16 AGTCCGCGACAG 4

RESULT 257
AX687640/c
LOCUS AR031533 16 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 5 from patent US 5866372.
ACCESSION AR031533
VERSION AR031533.1 GI:5945822
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Stein,H., Durkop,H. and Latza,U.

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGG 425
Db 15 GCAGGCTCTCCGG 3

RESULT 258
AX687640/c
LOCUS AX687640 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 372 from Patent EP1281758.
ACCESSION AX687640
VERSION AX687640.1 GI:29410336
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 466 AGCTCCAGGAAGT 478
Db 14 AGCTCCAGGAATCT 2

RESULT 259
AX687641/c
LOCUS AX687641 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 373 from Patent EP1281758.
ACCESSION AX687641
VERSION AX687641.1 GI:29410337
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 466 AGCTCCAGGAAGT 478
Db 15 AGCTCCAGGAATCT 3

RESULT 260
AX687638/c
LOCUS AX687638 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 370 from Patent EP1281758.
ACCESSION AX687638
VERSION AX687638.1 GI:29410334
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 466 AGCTCCAGGAAGT 478
Db 16 AGCTCCAGGAATCT 4

RESULT 261
AX687639/c
LOCUS AX687639 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 371 from Patent EP1281758.
ACCESSION AX687639
VERSION AX687639.1 GI:29410335
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 466 AGCTCCAGGAAGT 478
Db 15 AGCTCCAGGAATCT 3

RESULT 262
AX729912/c
LOCUS AX729912 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1546 from Patent WO03025175.
ACCESSION AX729912
VERSION AX729912.1 GI:30509255
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 598 GGTGGCGGGTGA 610
Db 15 GGAGGCGGGTGA 3

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RESULT 263
AX736077/c      17 bp  DNA      linear      PAT 08-MAY-2003
LOCUS
DEFINITION      Sequence 1667 from Patent WO03025177.
ACCESSION      AX736077
VERSION        AX736077.1 GI:30515354
KEYWORDS
SOURCE
ORGANISM        Homo sapiens (human)
REFERENCE
Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 598 GGTGGCGGGTGA 610
Db 15 GGAGGCGGGTGA 3
RESULT 264
AX760675/c      17 bp  DNA      linear      PAT 25-JUN-2003
LOCUS
DEFINITION      Sequence 3996 from Patent WO03040369.
ACCESSION      AX760675
VERSION        AX760675.1 GI:32255291
KEYWORDS
SOURCE
ORGANISM        Homo sapiens (human)
REFERENCE
Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 598 GGTGGCGGGTGA 610
Db 15 GGAGGCGGGTGA 3
RESULT 265
AX401897        17 bp  DNA      linear      PAT 18-DEC-2003
LOCUS
DEFINITION      Sequence 237 from patent US 6623962.
ACCESSION      AR401897
VERSION        AR401897.1 GI:40149347
KEYWORDS
SOURCE
ORGANISM        Unknown.
REFERENCE
AUTHORS Akhtar,S., Fell,P. and McSwiggen,J.A.
Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 243 CAGCTCTTGAAGG 255
Db 2 CAGGTCCTTGAAGG 14
RESULT 266
AX687637/c      17 bp  DNA      linear      PAT 31-MAR-2003
LOCUS
DEFINITION      Sequence 369 from Patent EP1281758.
ACCESSION      AX687637
VERSION        AX687637.1 GI:29410333
KEYWORDS
SOURCE
ORGANISM        Unknown.
REFERENCE
AUTHORS Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens.,
Query Match      1.4%; Score 11.4; DB 1; Length 18;

SOURCE          Homo sapiens (human)
ORGANISM        Homo sapiens
REFERENCE
Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 456 AGCTCCAGGAAGT 478
Db 17 AGCTCCAGGATCT 5
RESULT 267
AX736619/c      17 bp  DNA      linear      PAT 08-MAY-2003
LOCUS
DEFINITION      Sequence 2209 from Patent WO03025177.
ACCESSION      AX736619
VERSION        AX736619.1 GI:30515907
KEYWORDS
SOURCE
ORGANISM        Homo sapiens (human)
REFERENCE
Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 404 CTTGCTCCAGCAG 416
Db 16 CCGCTCCAGCAG 4
RESULT 268
BD067397        17 bp  RNA      linear      PAT 27-AUG-2002
LOCUS
DEFINITION      Enzymatic nucleic acid treatment of diseases or conditions related
ACCESSION      BD067397
VERSION        BD067397.1 GI:22613000
KEYWORDS      JP 2001511003-A/237.
SOURCE
ORGANISM        unidentified
REFERENCE
Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 243 CAGCTCTTGAAGG 255
Db 2 CAGGTCCTTGAAGG 14
RESULT 269
AR196118        18 bp  DNA      linear      PAT 20-APR-2002
LOCUS
DEFINITION      Sequence 583 from patent US 6350934.
ACCESSION      AR196118
VERSION        AR196118.1 GI:20245555
KEYWORDS
SOURCE
ORGANISM        Unknown.
REFERENCE
AUTHORS Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.Ann.Owens.,
Query Match      1.4%; Score 11.4; DB 1; Length 18;
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Best Local Similarity 92.3%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 727 AGCTGCGGTACAG 739
Db 1 AGCTGCGGTACAG 13

RESULT 270
LOCUS BD088488 18 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD088488
VERSION BD088488.1 GI:22634098
KEYWORDS JP 2001321190-A/732.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Soeda,E.

Query Match 1.4%; Score 11.4; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 401 CACCTGCTCCAG 413
Db 6 CACACTGCTCCAG 18

RESULT 271
LOCUS AR085593 18 bp DNA linear PAT 01-SEP-2000
DEFINITION Sequence 29 from patent US 5981732.
ACCESSION AR085593
VERSION AR085593.1 GI:10012360
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cowsert,L.M.

Query Match 1.4%; Score 11.4; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 555 GCCCAACAGCAGG 567
Db 4 GCCCAGCAGCAGG 16

RESULT 272
LOCUS I13765 18 bp DNA linear PAT 26-SEP-1995
DEFINITION Sequence 6 from patent US 5441883.
ACCESSION I13765
VERSION I13765.1 GI:996195
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Civelli,O. and Zhou,Q.-Y.

Query Match 1.4%; Score 11.4; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 664 TGCAGCTGAAGCT 676
Db 2 TCCAGCTGAAGCT 14

Best Local Similarity 92.3%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 727 AGCTGCGGTACAG 739
Db 1 AGCTGCGGTACAG 13

RESULT 273
LOCUS AR256295/c 19 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 1 from patent US 6482937.
ACCESSION AR256295
VERSION AR256295.1 GI:27305796
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Baetscher,M.W., Akiyoshi,D.E. and Kaplan,R.A.

Query Match 1.4%; Score 11.4; DB 1; Length 19;
Best Local Similarity 80.0%; Pred. No. 2.4e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 403 CCTGCTCCAGCAGG 417
Db 18 CACTTCTCCAGSAGG 4

RESULT 274
LOCUS BD225423 19 bp DNA linear PAT 17-JUL-2003
DEFINITION Secreted proteins and polynucleotides encoding them.
ACCESSION BD225423
VERSION BD225423.1 GI:33035193
KEYWORDS JP 2002510488-A/7.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Wong,G.G., Clark,H.F., Fichtel,K. and Agostino,M.J.

Query Match 1.4%; Score 11.4; DB 1; Length 19;
Best Local Similarity 92.3%; Pred. No. 2.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 266 GAGCACCTTCAGA 278
Db 4 GAGCACGTTTCAGA 16

RESULT 275
LOCUS AX526784 19 bp DNA linear PAT 21-NOV-2002
DEFINITION Sequence 68 from Patent WO0224733.
ACCESSION AX526784
VERSION AX526784.1 GI:25171540
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Mishra,V.S., Spytek,K.A., Taupier,R.J., Vernet,C.A., Colman,S.D.,

Query Match 1.4%; Score 11.4; DB 1; Length 19;
Best Local Similarity 92.3%; Pred. No. 2.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 550 CTGTAGCCCAACA 562
Db 7 CTGTGCCCCAACA 19

RESULT 276
LOCUS I17527/c 20 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 5 from patent US 5491064.
ACCESSION I17527
VERSION I17527.1 GI:1597882

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KEYWORDS	Unknown.	Query Match	1.4%;	Score 11.4;	DB 1;	Length 21;	
SOURCE	Unknown.	Best Local Similarity	71.4%;	Pred. No. 3e+02;	Mismatches 0;	Indels 0;	Gaps 0;
ORGANISM	Unclassified.	Matches 15;	Conservative 0;				
REFERENCE	1 (bases 1 to 20)						
AUTHORS	Lichy,J.H. and Howley,P.M.						
Query Match	1.4%;	Score 11.4;	DB 1;	Length 20;			
Best Local Similarity	92.3%;	Pred. No. 2.7e+02;					
Matches 12;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;			
Qy	171 CCGCTGACAGTC 183						
Db	13 CCGCTGCCAGTC 1						
RESULT 277							
LOCUS	AX116378	20 bp	DNA	linear	PAT 11-MAY-2001		
DEFINITION	Sequence 1501 from Patent WO0129262.						
ACCESSION	AX116378						
VERSION	AX116378.1	GI:14033320					
KEYWORDS	synthetic construct						
SOURCE	synthetic construct						
ORGANISM	artificial sequences.						
REFERENCE	1						
AUTHORS	Picoult-Newburg,L. and Pohl,M.						
Query Match	1.4%;	Score 11.4;	DB 1;	Length 20;			
Best Local Similarity	92.3%;	Pred. No. 2.7e+02;					
Matches 12;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;			
Qy	756 AAGGAGATGCAG 768						
Db	3 AAGGAGATGCAG 15						
RESULT 278							
LOCUS	BD069139	20 bp	DNA	linear	PAT 27-AUG-2002		
DEFINITION	Methods for modulating hematopoiesis and vascular growth.						
ACCESSION	BD069139						
VERSION	BD069139.1	GI:22614742					
KEYWORDS	JP 2001511650-A/24.						
SOURCE	unidentified						
ORGANISM	unclassified.						
REFERENCE	1 (bases 1 to 20)						
AUTHORS	Baron,M.H., Farrington,S.M. and Belaussoff,M.						
Query Match	1.4%;	Score 11.4;	DB 1;	Length 20;			
Best Local Similarity	92.3%;	Pred. No. 2.7e+02;					
Matches 12;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;			
Qy	660 CTCATGCAGCTGA 672						
Db	3 CTCATGCAGCTGA 15						
RESULT 279							
LOCUS	E36961/c	21 bp	DNA	linear	PAT 18-JUN-2001		
DEFINITION	Human telomerase catalytic subunit promoter.						
ACCESSION	E36961						
VERSION	E36961.1	GI:13022924					
KEYWORDS	JP 1999453177-A/169.						
SOURCE	unidentified						
ORGANISM	unclassified.						
REFERENCE	1 (bases 1 to 21)						
AUTHORS	Thomas,R.S., Jochimu,R., Toru,N., Karen,B.C., Greg,B.M.,						
Query Match	1.4%;	Score 11.4;	DB 1;	Length 21;			
Best Local Similarity	71.4%;	Pred. No. 3e+02;					
Matches 15;	Conservative 0;	Mismatches 6;	Indels 0;	Gaps 0;			
Qy	375 CTGGCCGTCCTGCTGGCGGC 395						
Db	21 CTGGTTCACTGCTGGCAGC 1						
RESULT 280							
LOCUS	AR243482	21 bp	DNA	linear	PAT 20-DEC-2002		
DEFINITION	Sequence 275 from patent US 6475789.						
ACCESSION	AR243482						
VERSION	AR243482.1	GI:27290693					
KEYWORDS	Unknown.						
SOURCE	Unknown.						
ORGANISM	Unclassified.						
REFERENCE	1 (bases 1 to 21)						
AUTHORS	Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,						
Query Match	1.4%;	Score 11.4;	DB 1;	Length 21;			
Best Local Similarity	71.4%;	Pred. No. 3e+02;					
Matches 15;	Conservative 0;	Mismatches 6;	Indels 0;	Gaps 0;			
Qy	375 CTGGCCGTCCTGCTGGCGGC 395						
Db	21 CTGGTTCACTGCTGGCAGC 1						
RESULT 281							
LOCUS	AR390638	21 bp	DNA	linear	PAT 18-DEC-2003		
DEFINITION	Sequence 508 from patent US 6610839.						
ACCESSION	AR390638						
VERSION	AR390638.1	GI:40112565					
KEYWORDS	Unknown.						
SOURCE	Unknown.						
ORGANISM	Unclassified.						
REFERENCE	1 (bases 1 to 21)						
AUTHORS	Morin,G.B. and Andrews,W.H.						
Query Match	1.4%;	Score 11.4;	DB 1;	Length 21;			
Best Local Similarity	71.4%;	Pred. No. 3e+02;					
Matches 15;	Conservative 0;	Mismatches 6;	Indels 0;	Gaps 0;			
Qy	375 CTGGCCGTCCTGCTGGCGGC 395						
Db	21 CTGGTTCACTGCTGGCAGC 1						
RESULT 282							
LOCUS	AR393252	21 bp	DNA	linear	PAT 18-DEC-2003		
DEFINITION	Sequence 508 from patent US 6617110.						
ACCESSION	AR393252						
VERSION	AR393252.1	GI:40118586					
KEYWORDS	Unknown.						
SOURCE	Unknown.						
ORGANISM	Unclassified.						
REFERENCE	1 (bases 1 to 21)						
AUTHORS	Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,						
Query Match	1.4%;	Score 11.4;	DB 1;	Length 21;			
Best Local Similarity	71.4%;	Pred. No. 3e+02;					
Matches 15;	Conservative 0;	Mismatches 6;	Indels 0;	Gaps 0;			
Qy	375 CTGGCCGTCCTGCTGGCGGC 395						
Db	21 CTGGTTCACTGCTGGCAGC 1						

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RESULT 283
AX244168          AX244168          21 bp      DNA      linear      PAT 28-SRP-2001
LOCUS             Sequence 13 from Patent WO0166754.
DEFINITION        AX244168
ACCESSION         AX244168.1 GI:15859223
VERSION           AX244168.1 GI:15859223
KEYWORDS          synthetic construct
SOURCE            synthetic construct
ORGANISM          artificial sequences.
REFERENCE 1
AUTHORS           Vaughan,T.J., Wilton,A.J. and Smith,S.

Query Match      1.4%; Score 11.4; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 461 GGAAGACTCCAGGAACCTGG 481
Db 1 GGAGGTGCTCTCTGGAGCAGG 21

RESULT 284
AX319360/c       AX319360          21 bp      DNA      linear      PAT 14-DEC-2001
LOCUS             Sequence 32 from Patent WO0172783.
DEFINITION        AX319360
ACCESSION         AX319360
VERSION           AX319360.1 GI:17901147
KEYWORDS          synthetic construct
SOURCE            synthetic construct
ORGANISM          artificial sequences.
REFERENCE 1
AUTHORS           Penttila,M.E., Ward,M., Wang,H., Valkonen,M.J. and Saloheimo,M.L.

Query Match      1.4%; Score 11.4; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 736 ACAGTGTAGCTTGCTGCTCTTA 756
Db 21 ACACCGTGGCTCTGTGCTCTAA 1

RESULT 285
AX810543/c       AX810543          21 bp      DNA      linear      PAT 25-NOV-2003
LOCUS             Sequence 508 from Patent EP1333094.
DEFINITION        AX810543
ACCESSION         AX810543
VERSION           AX810543.1 GI:38524035
KEYWORDS          unidentified
SOURCE            unidentified
ORGANISM          unclassified.
REFERENCE 1
AUTHORS           Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,

Query Match      1.4%; Score 11.4; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 375 CTGGCCGCTCTGCTGGCGGGC 395
Db 21 CTGGTTCACTCTGCTGGCAGCG 1

RESULT 286
BD011212/c       BD011212          21 bp      DNA      linear      PAT 31-JAN-2002
LOCUS             Human telomerase catalytic subunit.
DEFINITION        BD011212
ACCESSION         BD011212

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VERSION           BD011212.1 GI:18639585
KEYWORDS          JP 2001081042-A/169.
SOURCE            unidentified
ORGANISM          unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS           Sechi,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Mori,G.B.,

Query Match      1.4%; Score 11.4; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 375 CTGGCCGCTCTGCTGGCGGGC 395
Db 21 CTGGTTCACTCTGCTGGCAGCG 1

RESULT 287
AX474111         AX474111         21 bp      DNA      linear      PAT 09-AUG-2002
LOCUS             Sequence 13 from Patent WO0224940.
DEFINITION        AX474111
ACCESSION         AX474111
VERSION           AX474111.1 GI:22208255
KEYWORDS          synthetic construct
SOURCE            synthetic construct
ORGANISM          artificial sequences.
REFERENCE 1
AUTHORS           Vivier,E., Vely,F. and Tomasello,E.

Query Match      1.4%; Score 11.4; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 164 GCACCATCCGCTGACAGTCA 184
Db 1 GTATCATGTTGCTGACTGTCA 21

RESULT 288
AX82649          AX82649          22 bp      DNA      linear      PAT 21-JAN-2000
LOCUS             Sequence 1 from Patent WO9853839.
DEFINITION        AX82649
ACCESSION         AX82649
VERSION           AX82649.1 GI:6732378
KEYWORDS          unidentified
SOURCE            unidentified
ORGANISM          unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS           Lallemand,J. and Barthe,J.

Query Match      1.4%; Score 11.4; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 765 GCAGAACTGGAGAGAACTGT 785
Db 1 GCAGATCTAGAGGACAGTTGT 21

RESULT 289
AX411128         AX411128         22 bp      DNA      linear      PAT 18-DEC-2003
LOCUS             Sequence 1 from patent US 6635627.
DEFINITION        AX411128
ACCESSION         AX411128
VERSION           AX411128.1 GI:40163093
KEYWORDS          Unknown.
SOURCE            Unknown.
ORGANISM          Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS           Stoven,V., Lenoir,G., Lallemand,J.-Y., Annereau,J.-P., Barthe,J.

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Query Match 1.4%; Score 11.4; DB 1; Length 22;  
 Best Local Similarity 71.4%; Pred. No. 3.3e+02;  
 Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 765 GCAGAACTGAGAGAGTGT 785  
 DB 1 GCAGATCTAGGACAGTGT 21  
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RESULT 290  
 BD106583  
 LOCUS 22 bp DNA linear PAT 18-SEP-2002  
 DEFINITION Anti-cancer products for treating cystic fibrosis.  
 ACCESSION BD106583  
 VERSION BD106583.1 GI:23201401  
 KEYWORDS JP 2002502389-A/1.  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 REFERENCE 1 (bases 1 to 22)  
 AUTHORS Stoven,V., Lenoir,G., Lallemand,J.V., Annereau,J.P., Barthe,J. and

Query Match 1.4%; Score 11.4; DB 1; Length 22;  
 Best Local Similarity 71.4%; Pred. No. 3.3e+02;  
 Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 765 GCAGAACTGAGAGAGTGT 785  
 DB 1 GCAGATCTAGGACAGTGT 21  
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 |||||

RESULT 291  
 AX692662/c  
 LOCUS 17 bp DNA linear PAT 31-MAR-2003  
 DEFINITION Sequence 5394 from Patent EPI281758.  
 ACCESSION AX692662  
 VERSION AX692662.1 GI:29415620  
 KEYWORDS Homo sapiens (human)  
 SOURCE Homo sapiens  
 ORGANISM Homo sapiens  
 REFERENCE 1  
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 598 GGTGGCGGTGGACGT 613  
 DB 17 GGTGGCGGTGCTTGT 2  
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 |||||

RESULT 292  
 BD254407  
 LOCUS 17 bp DNA linear PAT 17-JUL-2003  
 DEFINITION Regulation of repressor genes using nucleic acid molecules.  
 ACCESSION BD254407  
 VERSION BD254407.1 GI:33064177  
 KEYWORDS JP 2002541795-A/2200.  
 SOURCE unidentified  
 ORGANISM unidentified  
 REFERENCE 1 (bases 1 to 17)  
 AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mswiggen,J.

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 420 CTCGGCTGCCCCCTG 435  
 DB 1 CTCGGCTGCCCCCTG 16  
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Db 1 CTCGCTCTACCCCG 16

RESULT 293  
 AX273048/c  
 LOCUS 17 bp RNA linear PAT 29-OCT-2001  
 DEFINITION Sequence 617 from Patent WO0162911.  
 ACCESSION AX273048  
 VERSION AX273048.1 GI:16545785  
 KEYWORDS Homo sapiens (human)  
 SOURCE Homo sapiens  
 ORGANISM Homo sapiens  
 REFERENCE 1  
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 132 ATGCTCTGCTTTGGGG 147  
 DB 16 ATCGCTGCTGTGGGG 1  
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RESULT 294  
 AX422668  
 LOCUS 17 bp RNA linear PAT 18-JUN-2002  
 DEFINITION Sequence 1004 from Patent WO0188124.  
 ACCESSION AX422668  
 VERSION AX422668.1 GI:21526050  
 KEYWORDS Homo sapiens (human)  
 SOURCE Homo sapiens  
 ORGANISM Homo sapiens  
 REFERENCE 1  
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 550 CTGTAGCCCAACAGCA 565  
 DB 2 CTGTGCCCCATCAACA 17  
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RESULT 295  
 AX422670  
 LOCUS 17 bp RNA linear PAT 18-JUN-2002  
 DEFINITION Sequence 1006 from Patent WO0188124.  
 ACCESSION AX422670  
 VERSION AX422670.1 GI:21526052  
 KEYWORDS Homo sapiens (human)  
 SOURCE Homo sapiens  
 ORGANISM Homo sapiens  
 REFERENCE 1  
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 551 TGTAGCCCAACAGCAG 566  
 DB 1 TGTGCCCCATCAACAG 16  
 |||||  
 |||||

RESULT 296  
 AX423116/c  
 LOCUS 17 bp RNA linear PAT 18-JUN-2002  
 DEFINITION Sequence 1452 from Patent WO0188124.

```

ACCESSION AX423116
VERSION AX423116.1 GI:21526498
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 661 TCATCAGCTGAAGCT 676
Db 17 TGATGCAGCTGGAGTT 2

RESULT 297
AX530711
LOCUS AX530711 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 220 from Patent EP1239051.
ACCESSION AX530711
VERSION AX530711.1 GI:25253227
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 402 ACCCTGCTCCAGCAGG 417
Db 1 ACGCTGCTCCCTCCAGG 16

RESULT 298
AX531738
LOCUS AX531738 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1247 from Patent EP1239051.
ACCESSION AX531738
VERSION AX531738.1 GI:25255259
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 407 GCTCCAGCAGCTCTC 422
Db 2 GCTCCAGCAACCCCTC 17

RESULT 299
AX531739
LOCUS AX531739 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1248 from Patent EP1239051.
ACCESSION AX531739
VERSION AX531739.1 GI:25255261
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

ACCESSION AX423116
VERSION AX423116.1 GI:21526498
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 407 GCTCCAGCAGCTCTC 422
Db 1 GCTCCAGCAACCCCTC 16

RESULT 300
AX692663/c
LOCUS AX692663 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5395 from Patent EP1281758.
ACCESSION AX692663
VERSION AX692663.1 GI:29415621
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 598 GGTGGCGGGTGGAGCT 613
Db 16 GGTGGCGGGTGGCTGT 1

RESULT 301
AX725749/c
LOCUS AX725749 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3436 from Patent WO03025176.
ACCESSION AX725749
VERSION AX725749.1 GI:30505092
KEYWORDS Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 756 AAGGAGATGGCAGAAC 771
Db 16 AAGAAGATGTCAGATC 1

RESULT 302
AX727907/c
LOCUS AX727907 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5594 from Patent WO03025176.
ACCESSION AX727907
VERSION AX727907.1 GI:30507250
KEYWORDS Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 756 AAGGAGATGGCAGAAC 771

```

Db 16 AGGTGAGGCAGATC 1  
|||||  
RESULT 303  
AX730009  
LOCUS AX730009 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 1643 from Patent WO03025175.  
ACCESSION AX730009  
VERSION AX730009.1 GI:30509352  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 266 GAGCACCTTCAGAAAG 281  
Db 1 GATCATGTTCAGAAAG 16  
|||||  
RESULT 304  
AX753816  
LOCUS AX753816 17 bp DNA linear PAT 23-JUN-2003  
DEFINITION Sequence 163 from Patent WO03037931.  
ACCESSION AX753816  
VERSION AX753816.1 GI:32166513  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 143 GGGGGTGCGAGTCCA 158  
Db 1 GGGGGCAGCAGCAGCA 16  
|||||  
RESULT 305  
AX759702/c  
LOCUS AX759702 17 bp DNA linear PAT 25-JUN-2003  
DEFINITION Sequence 3023 from Patent WO03040369.  
ACCESSION AX759702  
VERSION AX759702.1 GI:32254318  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 756 AAGGAGTGGCAGAAC 771  
Db 16 AAGGACGGCAGATC 1  
|||||  
RESULT 306  
AR168853  
LOCUS AR168853 17 bp DNA linear PAT 17-DEC-2001  
DEFINITION Sequence 79 from patent US 6288042.  
ACCESSION AR168853  
VERSION AR168853.1 GI:17904990  
KEYWORDS Unkown.  
SOURCE Unkown.  
ORGANISM Unkown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Rando,R.F., Ojwang,J.O., Hogan,M.E., Wallace,T.L. and Cossum,P.A.  
Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 599 GTGGCGGGTGACGTG 614  
Db 1 GTGGCGGGTGGGTGG 16  
|||||  
RESULT 307  
AR200322  
LOCUS AR200322 17 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 79 from patent US 6355785.  
ACCESSION AR200322  
VERSION AR200322.1 GI:20250396  
KEYWORDS Unkown.  
SOURCE Unkown.  
ORGANISM Unkown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Rando,R.F., Fennelwald,S., Zendegeui,J.G., Ojwang,J.O., Hogan,M.E.,  
Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 599 GTGGCGGGTGACGTG 614  
Db 1 GTGGCGGGTGGGTGG 16  
|||||  
RESULT 308  
AR262453  
LOCUS AR262453 17 bp DNA linear PAT 29-JAN-2003  
DEFINITION Sequence 79 from patent US 6323185.  
ACCESSION AR262453  
VERSION AR262453.1 GI:28073884  
KEYWORDS Unkown.  
SOURCE Unkown.  
ORGANISM Unkown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Rando,R.F., Fennelwald,S., Zendegeui,J.G., Ojwang,J.O. and Hogan,M.E.  
Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 599 GTGGCGGGTGACGTG 614  
Db 1 GTGGCGGGTGGGTGG 16  
|||||  
RESULT 309  
BD259471/c  
LOCUS BD259471 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD259471  
VERSION BD259471.1 GI:33069241  
KEYWORDS JP 2002541795-A/7264.  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Rando,R.F., Fennelwald,S., Zendegeui,J.G., Ojwang,J.O. and Hogan,M.E.  
Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 2.2e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 599 GTGGCGGGTGACGTG 614  
Db 1 GTGGCGGGTGGGTGG 16  
|||||

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REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., Zwick,M., Pavco,P. and McSwiggen,J.

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 467 GCTCCAGGAACTTGCC 482
Db 17 GCTCCGGGACATGCG 2

RESULT 310
BD259532
LOCUS BD259532 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD259532
VERSION BD259532.1 GI:33069302
KEYWORDS JP 2002541795-A/7325.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., Zwick,M., Pavco,P. and McSwiggen,J.

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCCAGA 226
Db 2 CCCAGCTCGCTGCAGA 17

RESULT 311
I37577/c
LOCUS I37577 17 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 590 from patent US 5612215.
ACCESSION I37577
VERSION I37577.1 GI:2085537
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 201 TTCCTGGGTTCCGAGC 216
Db 17 TTCTTGGGTAAACGAGC 2

RESULT 312
I94427/c
LOCUS I94427 17 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 590 from patent US 5731295.
ACCESSION I94427
VERSION I94427.1 GI:3938897
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 467 GCTCCAGGAACTTGCC 482
Db 17 GCTCCGGGACATGCG 2

RESULT 310
BD259532
LOCUS BD259532 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD259532
VERSION BD259532.1 GI:33069302
KEYWORDS JP 2002541795-A/7325.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., Zwick,M., Pavco,P. and McSwiggen,J.

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCCAGA 226
Db 2 CCCAGCTCGCTGCAGA 17

RESULT 311
I37577/c
LOCUS I37577 17 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 590 from patent US 5612215.
ACCESSION I37577
VERSION I37577.1 GI:2085537
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 201 TTCCTGGGTTCCGAGC 216
Db 17 TTCTTGGGTAAACGAGC 2

RESULT 312
I94427/c
LOCUS I94427 17 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 590 from patent US 5731295.
ACCESSION I94427
VERSION I94427.1 GI:3938897
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 201 TTCCTGGGTTCCGAGC 216
Db 17 TTCTTGGGTAAACGAGC 2

RESULT 313
AR286459
LOCUS AR286459 17 bp RNA linear PAT 10-APR-2003
DEFINITION Sequence 831 from patent US 6528640.
ACCESSION AR286459
VERSION AR286459.1 GI:29724055
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 731 GCGGTACAGTGTAGCC 746
Db 1 GCGGTACAGTGTAGGAC 16

RESULT 314
AR398449
LOCUS AR398449 17 bp RNA linear PAT 18-DEC-2003
DEFINITION Sequence 830 from patent US 6617438.
ACCESSION AR398449
VERSION AR398449.1 GI:40136272
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A.,

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 731 GCGGTACAGTGTAGCC 746
Db 1 GCGGTACAGTGTAGGAC 16

RESULT 315
AX499388
LOCUS AX499388 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 695 from Patent EP1229046.
ACCESSION AX499388
VERSION AX499388.1 GI:23381681
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 455 CTCACAGGAAGAGCTC 470
Db 2 CCTCAGGAGGAGGAC 17

RESULT 316
AX531737/c

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REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 462 GAAGAGCTCCAGGAAC 477
Db 16 GCAGAGCTGCAGGATC 1
||||| |||||
| ||||| |||||

RESULT 320
AX687658/c
LOCUS AX687658 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 390 from Patent EP1281758.
ACCESSION AX687658
VERSION AX687658.1 GI:29410354
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 460 AGGAAGAGCTCCAGGA 475
Db 17 AGGAAGCTGCTCCAGCA 2
||||| |||||
| ||||| |||||

RESULT 321
AX687659/c
LOCUS AX687659 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 391 from Patent EP1281758.
ACCESSION AX687659
VERSION AX687659.1 GI:29410355
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 460 AGGAAGAGCTCCAGGA 475
Db 16 AGGAAGCTGCTCCAGCA 1
||||| |||||
| ||||| |||||

RESULT 322
AX690665/c
LOCUS AX690665 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 3397 from Patent EP1281758.
ACCESSION AX690665
VERSION AX690665.1 GI:29413546
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

Qy 460 AGGAAGAGCTCCAGGA 475  
|||||  
Db 17 AGGAAGCTCTCCAGCA 2

RESULT 323  
ARI62099  
LOCUS ARI62099 18 bp DNA linear PAT 17-OCT-2001  
DEFINITION Sequence 29 from patent US 6258558.  
ACCESSION ARI62099  
VERSION ARI62099.1 GI:16229168  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Szostak, J.W., Roberts, R.W. and Liu, R.  
Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 2.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 517 TGGCATTGGGAGTCA 532  
|||||  
Db 2 TGGTATTGTGAGCCA 17

Search completed: July 29, 2004, 16:17:10  
Job time : 14 secs

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OM nucleic - nucleic search, using sw model

Run on: July 29, 2004, 16:20:55 ; Search time 14 Seconds  
(without alignments)  
3.822 Million cell updates/sec

Title: US-09-904-568-1  
Perfect score: 835  
Sequence: 1 atgtctgcttgggggtgc.....gagtcacagctgggcagg 835

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 0.5

Searched: 1694 segs, 32041 residues

Total number of hits satisfying chosen parameters: 3388

Minimum DB seq length: 8  
Maximum DB seq length: 50

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 212 summaries

Database : rng3db.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
C 1	16.8	2.0	24	1 AAV06320	Human prollyl 4-hyd
C 2	16.2	1.9	22	1 ADD26409	Human abl intron 1
C 3	15.8	1.9	19	1 ABT13587	Liver regeneration
C 4	15.8	1.9	19	1 AAV01125	Elastin PCR primer
C 5	15.6	1.9	24	1 ACC89700	Mouse CLASP-2 PCR
C 6	15.2	1.8	20	1 ABZ88060	Human oligonucleot
C 7	15.2	1.8	21	1 AAF79922	PCR primer used to
C 8	15.2	1.8	23	1 AAA37283	Human PRO1563 forw
C 9	15.2	1.8	23	1 AAF54427	DNA encoding prote
C 10	15.2	1.8	23	1 ACD69466	Novel human secret
C 11	15.2	1.8	23	1 ACH04568	Human secreted/tra
C 12	15.2	1.8	23	1 ACD68112	Human secret
C 13	15.2	1.8	23	1 ADC18187	Human PRO PCR prim
C 14	15.2	1.8	23	1 ADD70833	Human secreted/tra
C 15	15.2	1.8	23	1 ADD39910	Human secreted/tra
C 16	15.2	1.8	23	1 ADD70356	Human secreted/tra
C 17	15.2	1.8	23	1 ADD38477	Human secreted/tra
C 18	15.2	1.8	23	1 ADD39433	Human secreted/tra
C 19	15.2	1.8	23	1 ADD38956	Human secreted/tra
C 20	15.2	1.8	23	1 ADD40387	Human secreted/tra
C 21	15.2	1.8	23	1 ADE50608	Human secreted/tra
C 22	15.2	1.8	23	1 ADE20220	Human secreted/tra
C 23	15.2	1.8	23	1 ADE50131	Human secreted/tra
C 24	15.2	1.8	23	1 ADE21689	Human secreted/tra
C 25	15.2	1.8	25	1 AAF90335	Human neurokinin B
C 26	15	1.8	25	1 ADC05612	Human Na/H exchang
C 27	15	1.8	25	1 ADC05610	Human Na/H exchang
C 28	15	1.8	25	1 ADC05611	Human Na/H exchang
C 29	14.8	1.8	20	1 ADC81599	Rat LXR-alpha righ
C 30	14.8	1.8	20	1 ABZ92516	Human oligonucleot
C 31	14.6	1.7	21	1 RAD18152	PCR primer P24 to
C 32	14.6	1.7	23	1 ACG70182	PCR primer used fo
C 33	14.4	1.7	17	1 ABL46756	Human GRID NCH rib

C 34	14.4	1.7	17	1 ABL46755	Human GRID NCH rib
C 35	14.4	1.7	17	1 ABA77190	Adenosine deaminas
C 36	14.4	1.7	17	1 ABA77194	Adenosine deaminas
C 37	14.4	1.7	17	1 ABA77197	Adenosine deaminas
C 38	14.4	1.7	17	1 ABA77198	Adenosine deaminas
C 39	14.4	1.7	17	1 ABA77193	Adenosine deaminas
C 40	14.4	1.7	17	1 ABA77189	Adenosine deaminas
C 41	14.2	1.7	20	1 AAZ56049	PCR primer for bet
C 42	14.2	1.7	20	1 ADB97600	Human cartilage cu
C 43	14.2	1.7	20	1 AAS97928	Murine SAC1 gene-s
C 44	14.2	1.7	20	1 AAO58461	Antisense oligonuc
C 45	14.2	1.7	20	1 AAQ98660	Human papilloma vi
C 46	14.2	1.7	20	1 AAT44752	Internal PCR prime
C 47	14.2	1.7	20	1 AAT77876	Internal PCR prime
C 48	14.2	1.7	20	1 AAV17423	Primer MY48 for hu
C 49	14.2	1.7	20	1 ACF57286	Human TIMP-3 rever
C 50	14.2	1.7	21	1 AAAG3852	PCR primer used to
C 51	14.2	1.7	21	1 AAT51587	KSHV DNA polymeras
C 52	14.2	1.7	21	1 AAT84695	HIV-1 related bind
C 53	14	1.7	18	1 ABL88821	HIV-1 related bind
C 54	14	1.7	18	1 ABL88799	NOV reverse PCR pr
C 55	14	1.7	22	1 AET33591	Human PAL 5' RACE
C 56	14	1.7	24	1 ABN84264	Capture oligonucle
C 57	14	1.7	24	1 ABT83764	Capture oligonucle
C 58	14	1.7	24	1 ABX93804	Human PAL protein
C 59	13.8	1.7	17	1 ABL46754	Human GRID NCH rib
C 60	13.8	1.7	17	1 ABL46753	Human GRID NCH rib
C 61	13.8	1.7	17	1 ABN08390	Human GDMPLP-1 17-m
C 62	13.8	1.7	17	1 ABN08391	Human GDMPLP-1 17-m
C 63	13.8	1.7	17	1 ABN08389	Human GDMPLP-1 17-m
C 64	13.8	1.7	17	1 ABN08387	Human GDMPLP-1 17-m
C 65	13.8	1.7	19	1 AAZ94157	Human PEMT2 PCR pr
C 66	13.8	1.7	20	1 AAZ56154	PCR primer for HSP
C 67	13.8	1.7	20	1 AAH77260	Pichia pastoris PC
C 68	13.8	1.7	20	1 AAV70045	Rat c-Fos protein
C 69	13.8	1.7	21	1 AAF95967	Human gene single
C 70	13.6	1.6	20	1 AAZ04965	PCR primer used to
C 71	13.6	1.6	20	1 AHA48305	Human PAH gene ass
C 72	13.6	1.6	20	1 ABK22388	Human max1 cDNA r
C 73	13.6	1.6	20	1 ABS68903	Human RecQ protein
C 74	13.6	1.6	20	1 ACC45571	Human HBM STS mark
C 75	13.6	1.6	20	1 ADE98269	Sequence tagged si
C 76	13.6	1.6	20	1 ADE98269	Human oligonucleot
C 77	13.6	1.6	25	1 ACK27573	Human microarray D
C 78	13.6	1.6	25	1 ACK27577	Human microarray D
C 79	13.6	1.6	25	1 ACH58525	DNA target sequenc
C 80	13.4	1.6	15	1 AAF46503	IGFBP2 oligonucleo
C 81	13.4	1.6	17	1 ABL46757	Human GRID NCH rib
C 82	13.4	1.6	17	1 ABN08398	Human GDMPLP-1 17-m
C 83	13.4	1.6	19	1 AAT51286	Human AD4 gene PCR
C 84	13.4	1.6	20	1 AAV56661	Human Stat-6 antis
C 85	13.4	1.6	25	1 ACK18978	Human microarray D
C 86	13.2	1.6	18	1 AAO10847	Probe to N-termina
C 87	13.2	1.6	19	1 AAA84761	Cyclin F ribozyme
C 88	13.2	1.6	19	1 AAA84761	Cyclin F ribozyme
C 89	13.2	1.6	19	1 AAH59923	Cyclin F ribozyme
C 90	13.2	1.6	19	1 AAH59923	Cyclin F ribozyme
C 91	13.2	1.6	19	1 AAA84760	Cyclin F ribozyme
C 92	13.2	1.6	19	1 AAH59922	Cyclin F ribozyme
C 93	13.2	1.6	19	1 AAT40397	Corynebacterium sp
C 94	13.2	1.6	19	1 ABZ97569	Human IL5-3 oligon
C 95	13.2	1.6	19	1 ADE27470	Stearoyl-CoA desat
C 96	13.2	1.6	19	1 ADE27470	Stearoyl-CoA desat
C 97	13.2	1.6	19	1 ADE29746	Mitogen activated
C 98	13.2	1.6	19	1 ADE29851	Mitogen activated
C 99	13.2	1.6	19	1 AAA84296	Cyclin D1 ribozyme
C 100	13.2	1.6	19	1 AAH59458	Cyclin D1 ribozyme
C 101	13.2	1.6	20	1 AAT39478	Steroidogenesis ac
C 102	13.2	1.6	20	1 AAA11141	Primer #2 for rat
C 103	13.2	1.6	20	1 ABZ85388	Human oligonucleot
C 104	13.2	1.6	20	1 ABX03708	Human REQL5 inhib
C 105	13.2	1.6	20	1 AAZ06004	PCR primer used to
C 106	13.2	1.6	20	1 AAX95980	PCR primer used to

C 107	13.2	1.6	20	1	AAC93183	Human STAT3 phosph
C 108	13.2	1.6	20	1	AAS96800	Human STAT3 antise
C 109	13.2	1.6	20	1	ABZ88325	Human oligonucleot
C 110	13.2	1.6	20	1	ACF05117	Human alphaoid cons
C 111	13.2	1.6	21	1	APF85557	Human hNDS4-isofo
C 112	13.2	1.6	22	1	ABQ80130	Probe DEM0157P, id
C 113	13.2	1.6	22	1	AFQ80159	Probe DEM0157P, id
C 114	13	1.6	18	1	AAQ80159	Human Smad7 phosph
C 115	13	1.6	18	1	AAQ80159	Human Smad7 phosph
C 116	13	1.6	20	1	AAQ80159	Human NOVINTRA C D
C 117	13	1.6	20	1	AAQ80159	Human NOVINTRA C F
C 118	13	1.6	21	1	APF96193	Human gene single
C 119	13	1.6	21	1	APF96193	Human gene single
C 120	13	1.6	22	1	AAQ80159	WSBV-specific PCR
C 121	12.8	1.5	17	1	AAQ80159	Hammerhead ribozym
C 122	12.8	1.5	17	1	ABK57443	Human CLCA1 gene e
C 123	12.8	1.5	17	1	ABN08392	Human GMPLP-1 17-m
C 124	12.8	1.5	17	1	ABZ64967	Human HER2 DNzyme
C 125	12.8	1.5	18	1	ABK30214	CYP2D6 gene polymo-
C 126	12.8	1.5	19	1	ABL44655	Human chromosome 1
C 127	12.8	1.5	19	1	AAQ84272	PCR primer for hum
C 128	12.8	1.5	20	1	ABZ76936	Bovine DGAT BAC-DN
C 129	12.8	1.5	20	1	ABZ77002	Bovine DGAT PCR pr
C 130	12.8	1.5	20	1	AAQ47315	Human RT-PCR rever
C 131	12.8	1.5	23	1	ABX76676	Mouse heavy chain
C 132	12.8	1.5	27	1	ABT65528	Oligonucleotide 10
C 133	12.8	1.5	27	1	AAQ62998	C-mpl receptor ago
C 134	12.8	1.5	27	1	AAV55440	Primer 109-5' for
C 135	12.6	1.5	15	1	ABA81571	Human phospholipid
C 136	12.6	1.5	15	1	AAQ84583	Human PLTP gene al
C 137	12.6	1.5	19	1	ADD13826	Human viamba PCR p
C 138	12.6	1.5	19	1	AAQ98576	Human kinase marke
C 139	12.6	1.5	19	1	AAQ71966	Human IL-2R gamma
C 140	12.6	1.5	20	1	ABK69390	Chimeric phosphoro
C 141	12.6	1.5	20	1	AAQ60755	Human TEM5 gene am
C 142	12.6	1.5	20	1	ABZ86287	Human oligonucleot
C 143	12.6	1.5	20	1	AAQ61439	Human ATF3 antisen
C 144	12.6	1.5	20	1	AAV73911	Human HLA-A2 A*020
C 145	12.6	1.5	20	1	AAQ60400	Human telomerase a
C 146	12.6	1.5	20	1	AAQ96610	Telomerase reverse
C 147	12.6	1.5	20	1	AAQ86700	Human cytohesin-2
C 148	12.6	1.5	20	1	ABZ30253	Candida albicans G
C 149	12.6	1.5	21	1	AAQ88853	Human polymorphic
C 150	12.6	1.5	21	1	AAV25604	Reverse primer for
C 151	12.6	1.5	21	1	ABT04601	Human PTGS1 gene p
C 152	12.6	1.5	21	1	ABD13446	Human Apolipoprote
C 153	12.6	1.5	22	1	ADD24409	Human abl intron 1
C 154	12.6	1.5	24	1	AAQ13210	Human transformer
C 155	12.6	1.5	25	1	ACI34633	Human microarray D
C 156	12.4	1.5	15	1	AAQ95031	Mutant capture oli
C 157	12.4	1.5	15	1	AAQ46502	IGFBP2 oligonucleo
C 158	12.4	1.5	15	1	AAQ46504	IGFBP2 oligonucleo
C 159	12.4	1.5	17	1	AAQ66363	PCR primer used to
C 160	12.4	1.5	17	1	ABT33985	Tumour suppression
C 161	12.4	1.5	17	1	ABZ64966	Human HER2 DNzyme
C 162	12.4	1.5	17	1	ABN08393	Human GMPLP-1 17-m
C 163	12.4	1.5	17	1	ABN08394	Human GMPLP-1 17-m
C 164	12.4	1.5	18	1	AAQ57940	PCR primer for G.
C 165	12.4	1.5	19	1	ACD82558	Nucleic acid cloni
C 166	12.4	1.5	22	1	AAA27904	GBF containing NEK
C 167	12.4	1.5	23	1	ACC70182	PCR primer used fo
C 168	12.4	1.5	24	1	AAQ42353	NG2-EcoRI MDRI fr
C 169	12.4	1.5	26	1	AAQ18837	Mitochondrial acon
C 170	12.2	1.5	17	1	AAQ97865	Human EGF-R target
C 171	12.2	1.5	17	1	ABL46758	Human ERG NCH rib
C 172	12.2	1.5	17	1	ABK18358	Human ERG hammehe
C 173	12.2	1.5	17	1	ABZ64935	Human HER2 DNzyme
C 174	12.2	1.5	17	1	ABK03627	Human CD20 DNzyme
C 175	12.2	1.5	17	1	ABL31073	Human HLA genotypi
C 176	12.2	1.5	17	1	ACA06326	NFKB sub-unit modu
C 177	12.2	1.5	17	1	ADB43074	Tumour suppression
C 178	12.2	1.5	18	1	ABK85826	Myotonic dystrophy
C 179	12.2	1.5	18	1	AAZ70371	Human biallelic ma
C 180	12.2	1.5	18	1	AAI66785	PPAR-gamma mRNA am
C 181	12.2	1.5	18	1	ABL30619	Human HLA genotypi
C 182	12.2	1.5	18	1	AAC60640	Human PDK-1 antise
C 183	12.2	1.5	18	1	ABL30643	Human HLA genotypi
C 184	12.2	1.5	19	1	AAQ96652	Mouse tub gene pri
C 185	12.2	1.5	19	1	AAQ94845	Mouse tub gene PCR
C 186	12.2	1.5	19	1	AAV51979	Zea mays genome re
C 187	12.2	1.5	19	1	AAV51978	Zea mays genome re
C 188	12.2	1.5	19	1	AAA23478	Clone vc46-1 hybri
C 189	12.2	1.5	19	1	AAA84760	Cyclin F ribozyme
C 190	12.2	1.5	19	1	AAH59922	Cyclin F ribozyme
C 191	12.2	1.5	19	1	AAI65909	Nucleotide sequenc
C 192	12.2	1.5	19	1	AAZ74983	Human biallelic ma
C 193	12.2	1.5	20	1	ABZ92486	Human oligonucleot
C 194	12.2	1.5	20	1	AAQ29304	UNKI-specific prob
C 195	12.2	1.5	20	1	AAC62847	Human E2F transcri
C 196	12.2	1.5	20	1	AAD34888	Human E2F transcri
C 197	12.2	1.5	20	1	ABZ88160	Human oligonucleot
C 198	12.2	1.5	20	1	ABZ93498	Human oligonucleot
C 199	12.2	1.5	20	1	ADA26551	Human Jun N-termin
C 200	12.2	1.5	20	1	ABZ3694	Capture oligonucle
C 201	12.2	1.5	20	1	AAQ82065	Chromosome 11 (loc
C 202	12.2	1.5	20	1	AAC60313	Primer #15 used to
C 203	12.2	1.5	20	1	AAQ06729	Human JAGGED1 gene
C 204	12.2	1.5	20	1	ABN89238	Human Talin antise
C 205	12.2	1.5	21	1	AAQ52082	Breast cancer spec
C 206	12.2	1.5	21	1	AAQ97333	Human gene single
C 207	12.2	1.5	21	1	AAQ95855	Human gene single
C 208	12.2	1.5	21	1	AAH22986	VEGF expression in
C 209	12	1.4	17	1	ADC04108	Human Na/H exchang
C 210	12	1.4	17	1	ADC04106	Human Na/H exchang
C 211	12	1.4	17	1	ADC04107	Human Na/H exchang
C 212	12	1.4	17	1	ADC04109	Human Na/H exchang

## ALIGNMENTS

RESULT 1	
AAV06320/c	AAV06320 standard; DNA; 24 BP.
ID	AAV06320 standard; DNA; 24 BP.
XX	AC AAV06320;
XX	AC AAV06320;
XX	06-MAY-1998 (first entry)
XX	Human prollyl 4-hydroxylase alpha subunit amplifying 3' primer.
XX	Collagen; human; recombinant; post-translational enzyme; procollagen;
KW	prolyl 4-hydroxylase alpha subunit; PCR primer; ss.
Query Match	2.0%; Score 16.8; DB 1; Length 24;
Best Local Similarity	90.0%; Pred. No. 5.8;
Matches	18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY	748 TGGTCCCTTAAGGATATGCA 767
DB	20 TGGTCCCTTAAGGATATGCA 1
RESULT 2	
ADD26409	ADD26409 standard; DNA; 22 BP.
ID	ADD26409 standard; DNA; 22 BP.
XX	AC ADD26409;
XX	AC ADD26409;
XX	15-JAN-2004 (first entry)
XX	Human abl intron 1b primer 3-1.
XX	conjugate; bcr; abl; fusion gene; transport mediator; cell membrane; PNA;
KW	Philadelphia chromosome; triple helix; cytostatic;

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Query Match      1.9%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 8.2;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCTCACAGATG 684
DB 2 TGGATCTGAAGCTCCAGATG 22

RESULT 3
ABT13587/c
ID ABT13587 standard; DNA; 19 BP.
XX
XX
AC ABT13587;
XX
XX
DT 07-FEB-2003 (first entry)
XX
XX
DE Liver regeneration-related gene panel PCR primer #115.
XX
KW PCR; primer; ss; liver regeneration; gene panel; expression profile;
KW drug screening; drug development; hepatitis; liver transplantation.

Query Match      1.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 9;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 761 GATCGCAGAACTGGAGAG 779
DB 19 GATTGCAGAACTGGAGATG 1

RESULT 4
AAV01125/c
ID AAV01125 standard; DNA; 19 BP.
XX
XX
AC AAV01125;
XX
XX
DT 23-MAR-1998 (first entry)
XX
XX
DE Elastin PCR primer for universal mammalian STS's.
XX
KW PCR primer; polymerase chain reaction; amplification; UM-STS;
KW universal mammalian sequence tagged site; genomic map; clone; ss.

Query Match      1.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 9;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGGTGTCAGC 154
DB 19 CTGCTTTAGCGGTGTCAGC 1

RESULT 5
ACC69700/c
ID ACC69700 standard; DNA; 24 BP.
XX
XX
AC ACC69700;
XX
XX
DT 21-JUL-2003 (first entry)
XX
XX
DE Mouse CLASP-2 PCR primer SEQ ID NO:79.
XX
XX
KW Human; mouse; CLASP membrane protein; CLASP; cell surface molecule;
KW cadherin-like asymmetry protein; immune response; immunosuppressive;

Query Match      1.9%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 395 CACACACACCCCTGCTCCAGCAG 416
DB 24 CATCCGCACACTGCTCCAGCAG 3
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RESULT 6
ABZ88060/c
ID ABZ88060 standard; DNA; 20 BP.
XX
XX
AC ABZ88060;
XX
XX
DT 17-OCT-2003 (first entry)
XX
XX
DE Human oligonucleotide sequence.
XX
XX
KW Human; antisense; lung dysfunction; nasal airway dysfunction;
KW antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;

Query Match      1.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 16;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 466 AGCTCCAGGAAGTGGCATT 485
DB 20 AGCTCCAGGATCTGGCAGT 1

RESULT 7
AAF79922/c
ID AAF79922 standard; DNA; 21 BP.
XX
XX
AC AAF79922;
XX
XX
DT 11-JUN-2001 (first entry)
XX
XX
DE PCR primer used to amplify human and murine GL50 cDNA sequences.
XX
XX
KW GL50; antigen; antigen presenting cell; T cell proliferation; tumour;
KW graft-versus-host disease; autoimmune disease; allergy; viral infection;

Query Match      1.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 17;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 782 GTGTGAGCGGCAACTGTCAGG 801
DB 20 GTGTGAGCGGCAACTGTCAGG 1

RESULT 8
AAA37283
ID AAA37283 standard; DNA; 23 BP.
XX
XX
AC AAA37283;
XX
XX
DT 08-AUG-2000 (first entry)
XX
XX
DE Human PRO1563 forward PCR primer SEQ ID NO:318.
XX
XX
KW Human; PRO polypeptide; membrane bound protein; receptor; diagnosis;
KW transmembrane; secretion; immunoadhesion; pharmaceutical; screening;

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688
DB 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 9
AAF54427
ID AAF54427 standard; DNA; 23 BP.
XX
XX
AC AAF54427;
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XX 02-APR-2001 (first entry)
XX DNA encoding protein of the invention #89.
XX Secreted; transmembrane; gene therapy; ss.
XX
Query Match
Best Local Similarity 1.8%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 669 CTGAAGCTCACAGATGGATC 688
DB 3 CTGAAGCTGCCAGATGGCTC 22
RESULT 10
ACD68466
ID ACD68466 standard; DNA; 23 BP.
XX AC ACD68466;
XX DT 17-SEP-2003 (first entry)
XX DE Novel human secreted and transmembrane protein related primer #91.
XX KW Human; secreted and transmembrane protein; PRO; angiogenesis;
XX endotheelial cell proliferation; wound healing; immune response;
Query Match
Best Local Similarity 1.8%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 669 CTGAAGCTCACAGATGGATC 688
DB 3 CTGAAGCTGCCAGATGGCTC 22
RESULT 11
ACH04568
ID ACH04568 standard; DNA; 23 BP.
XX AC ACH04568;
XX DT 01-OCT-2003 (first entry)
XX DE Human secreted/transmembrane protein PRO1563 PCR primer #1.
XX KW Human; ss; PCR; secreted protein; transmembrane protein; PRO; vulneryary;
XX cardiant; antidiabetic; anorectic; antiarthritic; angiogenesis; cancer;
Query Match
Best Local Similarity 1.8%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 669 CTGAAGCTCACAGATGGATC 688
DB 3 CTGAAGCTGCCAGATGGCTC 22
RESULT 12
ACD68112
ID ACD68112 standard; DNA; 23 BP.
XX AC ACD68112;
XX DT 17-SEP-2003 (first entry)
XX DE Novel human secreted and transmembrane protein related primer #91.
XX KW Human; secreted and transmembrane protein; PRO; gene therapy; vaccine;
XX tissue typing; chromosome identification; vaccine; PCR; primer; ss.
Query Match
Best Local Similarity 1.8%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 669 CTGAAGCTCACAGATGGATC 688
DB 3 CTGAAGCTGCCAGATGGCTC 22
RESULT 13
ADC18187
ID ADC18187 standard; DNA; 23 BP.
XX AC ADC18187;
XX DT 18-DEC-2003 (first entry)
XX DE Human PRO PCR primer #91.
XX KW Human; PRO; PCR; ss; protein electrophoresis; chromosome mapping;
XX gene mapping; genetic disorder; primer.
Query Match
Best Local Similarity 1.8%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 669 CTGAAGCTCACAGATGGATC 688
DB 3 CTGAAGCTGCCAGATGGCTC 22
RESULT 14
ADD70833
ID ADD70833 standard; DNA; 23 BP.
XX AC ADD70833;
XX DT 15-JAN-2004 (first entry)
XX DE Human secreted/transmembrane protein PRO1563 PCR primer #1.
XX KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;
XX immune response; cardiac insufficiency disorder; calcium flux;
Query Match
Best Local Similarity 1.8%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 669 CTGAAGCTCACAGATGGATC 688
DB 3 CTGAAGCTGCCAGATGGCTC 22
RESULT 15
ADD39910
ID ADD39910 standard; DNA; 23 BP.
XX AC ADD39910;
XX DT 15-JAN-2004 (first entry)
XX DE Human secreted/transmembrane protein PRO1563 PCR primer #1.
XX KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;
XX immune response; cardiac insufficiency disorder; calcium flux;
Query Match
Best Local Similarity 1.8%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 669 CTGAAGCTCACAGATGGATC 688
DB 3 CTGAAGCTGCCAGATGGCTC 22

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Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 16
ADD70356
ID      ADD70356 standard; DNA; 23 BP.
XX      AC
XX      ADD70356;
XX      15-JAN-2004 (first entry)
XX      DE Human secreted/transmembrane protein PRO1563 PCR primer #1.
XX      KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;
        KW immune response; cardiac insufficiency disorder; calcium flux;

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 17
ADD38477
ID      ADD38477 standard; DNA; 23 BP.
XX      AC
XX      ADD38477;
XX      15-JAN-2004 (first entry)
XX      DE Human secreted/transmembrane protein PRO1563 PCR primer #1.
XX      KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;
        KW immune response; cardiac insufficiency disorder; calcium flux;

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 18
ADD39433
ID      ADD39433 standard; DNA; 23 BP.
XX      AC
XX      ADD39433;
XX      15-JAN-2004 (first entry)
XX      DE Human secreted/transmembrane protein PRO1563 PCR primer #1.
XX      KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;
        KW immune response; cardiac insufficiency disorder; calcium flux;

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 19
ADD38956
ID      ADD38956 standard; DNA; 23 BP.
XX      AC
XX      ADD38956;
XX      15-JAN-2004 (first entry)
XX      DE Human secreted/transmembrane protein PRO1563 PCR primer #1.
XX      KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;
        KW immune response; cardiac insufficiency disorder; calcium flux;

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 20
ADD40387
ID      ADD40387 standard; DNA; 23 BP.
XX      AC
XX      ADD40387;
XX      15-JAN-2004 (first entry)
XX      DE Human secreted/transmembrane protein PRO1563 PCR primer #1.
XX      KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;
        KW immune response; cardiac insufficiency disorder; calcium flux;

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 21
ADE50608
ID      ADE50608 standard; DNA; 23 BP.
XX      AC
XX      ADE50608;
XX      29-JAN-2004 (first entry)
XX      DE Human secreted/transmembrane protein PRO1563 PCR primer #1.
XX      KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;
        KW immune response; cardiac insufficiency disorder; calcium flux;

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 22
ADE20220
ID      ADE20220 standard; DNA; 23 BP.
XX      AC
XX      ADE20220;
XX      29-JAN-2004 (first entry)
XX      DE Human secreted/transmembrane protein PRO1563 PCR primer #1.
XX      KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;
        KW immune response; cardiac insufficiency disorder; calcium flux;

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

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KW immune response; cardiac insufficiency disorder; calcium flux;

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 20;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
DB 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 23

AD50131  
ID ADE50131 standard; DNA; 23 BP.

XX AC ADE50131;  
XX DT 29-JAN-2004 (first entry)

XX DE Human secreted/transmembrane protein PRO1563 PCR primer #1.

XX KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;  
KW immune response; cardiac insufficiency disorder; calcium flux;

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 20;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
DB 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 24

ADE21689  
ID ADE21689 standard; DNA; 23 BP.

XX AC ADE21689;  
XX DT 29-JAN-2004 (first entry)

XX DE Human secreted/transmembrane protein PRO1563 PCR primer #1.

XX KW Human; PCR; primer; secreted protein; transmembrane protein; PRO; tumour;  
KW immune response; cardiac insufficiency disorder; calcium flux;

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 20;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
DB 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 25

AAF90335/c  
ID AAF90335 standard; DNA; 25 BP.

XX AC AAF90335;  
XX DT 23-JUL-2001 (first entry)

XX DE Human neurokinin B precursor PCR primer.

XX KW Neurokinin B; human; pregnancy; hypertension; pre-eclampsia; diagnosis;  
KW therapy; PCR primer; ss.

Query Match 1.8%; Score 15.2; DB 1; Length 25;  
Best Local Similarity 85.0%; Pred. No. 23;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 331 CTGTGGAGCAACTTGTGTC 350

DB 20 CTGTGGAGCAGCTGTGTC 1

## RESULT 26

ADC05612/c  
ID ADC05612 standard; DNA; 25 BP.

XX AC ADC05612;  
XX DT 18-DEC-2003 (first entry)

XX DE Human Na/H exchanger-like protein 1 gene oligonucleotide #2059.

XX KW ss; gene therapy; vaccine; sodium/hydrogen exchanger like protein;  
KW NHEP1; passive replacement therapy; vaccine; diagnosis.

Query Match 1.8%; Score 15; DB 1; Length 25;  
Best Local Similarity 78.3%; Pred. No. 27;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 757 AGGAGATGCCAGAACTGGAGAAG 779  
DB 23 AGGAGATGCCAGTTCCCAAGAAG 1

## RESULT 27

ADC05610/c  
ID ADC05610 standard; DNA; 25 BP.

XX AC ADC05610;  
XX DT 18-DEC-2003 (first entry)

XX DE Human Na/H exchanger-like protein 1 gene oligonucleotide #2057.

XX KW ss; gene therapy; vaccine; sodium/hydrogen exchanger like protein;  
KW NHEP1; passive replacement therapy; vaccine; diagnosis.

Query Match 1.8%; Score 15; DB 1; Length 25;  
Best Local Similarity 78.3%; Pred. No. 27;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 757 AGGAGATGCCAGAACTGGAGAAG 779  
DB 25 AGGAGATGCCAGTTCCCAAGAAG 3

## RESULT 28

ADC05611/c  
ID ADC05611 standard; DNA; 25 BP.

XX AC ADC05611;  
XX DT 18-DEC-2003 (first entry)

XX DE Human Na/H exchanger-like protein 1 gene oligonucleotide #2058.

XX KW ss; gene therapy; vaccine; sodium/hydrogen exchanger like protein;  
KW NHEP1; passive replacement therapy; vaccine; diagnosis.

Query Match 1.8%; Score 15; DB 1; Length 25;  
Best Local Similarity 78.3%; Pred. No. 27;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 757 AGGAGATGCCAGAACTGGAGAAG 779  
DB 24 AGGAGATGCCAGTTCCCAAGAAG 2

## RESULT 29

ADC81599/c  
ID ADC81599 standard; DNA; 20 BP.



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XX ADC81599;
AC
XX 01-JAN-2004 (first entry)
DT
XX
XX
DE
XX
XX Rat LXR-alpha right PCR primer.
KW Neurodegenerative disorder; liver X receptor; LXR modulator; LXR agonist;
KW LXR antagonist; cholesterol efflux promoter; neuroregeneration;

Query Match      1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 662 CATGCAGCTGAAGCTCAC 679
DB 18 CACGACGCTGAGCTTAC 1

RESULT 30
ABZ92516
ID ABZ92516 standard; DNA; 20 BP.
XX
AC ABZ92516;
XX
DT 17-OCT-2003 (first entry)
DE Human oligonucleotide sequence.
XX
XX Human; antisense; lung dysfunction; nasal airway dysfunction;
KW antiinflammatory steroid; ubiqunone; antiinflammatory; antiallergic;

Query Match      1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 812 CCCTGGTACTGTGGGTGC 829
DB 2 CCCTGGTACTGAAGGTGC 19

RESULT 31
AAD18152/c
ID AAD18152 standard; DNA; 21 BP.
XX
AC AAD18152;
XX
DT 18-DEC-2001 (first entry)
DE PCR primer P24 to convert human antibody CAT-212 to IgG format.
XX
KW Human; ectaxin; CAT-212; antibody; heavy chain variable region; VH;
KW eczema; asthma; atopic disease; dermatological; rhinitis; food allergy;

Query Match      1.7%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 28;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 403 CCTGTCTCCAGAGGCTCTCC 423
DB 21 CCCTGCTCCAGAGCACTCC 1

RESULT 32
ACC70182
ID ACC70182 standard; DNA; 23 BP.
XX
AC ACC70182;
XX
DT 11-AUG-2003 (first entry)
DE PCR primer used for quantitative PCR of COX-1.
XX

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KW Cyclooxygenase-1; COX-1; cervical carcinoma; prostaglandin E2 receptor;
KW isoform; EP1; EP2; EP3; EP4; neoplastic condition; cervix; CIN;

Query Match      1.7%; Score 14.6; DB 1; Length 23;
Best Local Similarity 81.0%; Pred. No. 33;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 248 CTTGAAGGACTTAGACAGGAG 268
DB 3 CTTGAGGAGTCAGGCATGAG 23

RESULT 33
ABL46756/c
ID ABL46756 standard; RNA; 17 BP.
XX
AC ABL46756;
XX
DT 27-JUN-2003 (first entry)
DE Human GRID NCH ribozyme substrate oligonucleotide #210.
XX
XX Human; Grb2-related with Insert Domain; GRID; T-cell;
KW co-stimulatory adaptor protein; tissue rejection; graft rejection;

Query Match      1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 24;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGC 151
DB 16 CTGCTGTGGGGCTGC 1

RESULT 34
ABL46755/c
ID ABL46755 standard; RNA; 17 BP.
XX
AC ABL46755;
XX
DT 27-JUN-2003 (first entry)
DE Human GRID NCH ribozyme substrate oligonucleotide #209.
XX
XX Human; Grb2-related with Insert Domain; GRID; T-cell;
KW co-stimulatory adaptor protein; tissue rejection; graft rejection;

Query Match      1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 24;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGC 151
DB 17 CTGCTGTGGGGCTGC 2

RESULT 35
ABA77190/c
ID ABA77190 standard; DNA; 17 BP.
XX
AC ABA77190;
XX
DT 24-JAN-2002 (first entry)
DE Adenosine deaminase deficiency correcting oligo SEQ ID NO: 36.
XX
XX Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;

Query Match      1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 24;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 725 GGAGCTGGGTACAGT 740
Db 17 GGAGTGGGTACAGT 2

RESULT 36
ABA77194/c
ID ABA77194 standard; DNA; 17 BP.
XX
AC ABA77194;
XX
XX 24-JAN-2002 (first entry)
XX
DE Adenosine deaminase deficiency correcting oligo SEQ ID NO: 39.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 24;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGCTGGGTACAGT 740
Db 1 GGAGTGGGTACAGT 16

RESULT 40
ABA77189
ID ABA77189 standard; DNA; 17 BP.
XX
AC ABA77189;
XX
XX 24-JAN-2002 (first entry)
XX
DE Adenosine deaminase deficiency correcting oligo SEQ ID NO: 35.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 24;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGCTGGGTACAGT 740
Db 1 GGAGTGGGTACAGT 16

RESULT 41
AAZ56049
ID AAZ56049 standard; DNA; 20 BP.
XX
AC AAZ56049;
XX
XX 23-MAR-2000 (first entry)
XX
DE PCR primer for beta-actin.
XX
KW Nuclear factor of activated T cells; NFATp; bone fracture; osteoporosis;
KW calcineurin interaction region; cartilage cell differentiation;

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 771 CTGGAGAAGAGTGTGAGC 789
Db 1 CTGGAGAAGAGTGTGAGC 19

RESULT 42
ADB97600
ID ADB97600 standard; DNA; 20 BP.
XX
AC ADB97600;
XX
XX 04-DEC-2003 (first entry)
XX
DE Human cartilage culture RT-PCR primer #15.

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Qy 725 GGAGCTGGGTACAGT 740
Db 17 GGAGTGGGTACAGT 2

RESULT 36
ABA77194/c
ID ABA77194 standard; DNA; 17 BP.
XX
AC ABA77194;
XX
XX 24-JAN-2002 (first entry)
XX
DE Adenosine deaminase deficiency correcting oligo SEQ ID NO: 40.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 24;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGCTGGGTACAGT 740
Db 17 GGAGTGGGTACAGT 2

RESULT 37
ABA77197
ID ABA77197 standard; DNA; 17 BP.
XX
AC ABA77197;
XX
XX 24-JAN-2002 (first entry)
XX
DE Adenosine deaminase deficiency correcting oligo SEQ ID NO: 43.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 24;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGCTGGGTACAGT 740
Db 2 GGAGTGGGTACAGT 17

RESULT 38
ABA77198/c
ID ABA77198 standard; DNA; 17 BP.
XX
AC ABA77198;
XX
XX 24-JAN-2002 (first entry)
XX
DE Adenosine deaminase deficiency correcting oligo SEQ ID NO: 44.
XX
KW Human; gene therapy; adenosine deaminase deficiency; p53; beta-globin;
KW retinoblastoma; BRCA1; BRCA2; CFTR; cystic fibrosis; cancer; Factor V;

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 24;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGCTGGGTACAGT 740
Db 16 GGAGTGGGTACAGT 1

RESULT 39
ABA77193

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XX cartilage growth; cartilage differentiation; cartilage disorders;
KW rheumatoid arthritis; osteoarthritis; osteoporosis; human; NFATp;

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 771 CTGGAGAAGAGTGTGAGC 789
Db 1 CTGGAGAAGAGCTATGAGC 19

RESULT 43
AAS97928
ID AAS97928 standard; DNA; 20 BP.
XX AC AAS97928;
XX AC AAS97928 (first entry)
DT 12-MAR-2002
DE Murine SAC1 gene-specific oligonucleotide PCR primer #481.
XX Human; mouse; SAC1; carbohydrate; sweetener; ethanol; alcoholism; ss;
KW obesity; diabetes; transgenic embryo; body tissue; body fluid; pancreas;

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 716 CAAATTTTCAGGAGCTGCGG 734
Db 2 CAAGTTTCAGGAGCTAGGG 20

RESULT 44
AAQ58461/c
ID AAQ58461 standard; DNA; 20 BP.
XX AC AAQ58461;
XX AC AAQ58461 (first entry)
DT 22-SEP-1994
DE Antisense oligonucleotide to the IL-1 beta gene.
XX Antisense; interleukin-1-beta; IL-1 beta; phospho-oligonucleotide;
KW inhibit; chronic inflammatory disease; rheumatism; ss.

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 744 GCCTTGCTCCTTAAGGAGA 762
Db 19 GCCTTGCGCCTCAAGGAAA 1

RESULT 45
AAQ98660
ID AAQ98660 standard; DNA; 20 BP.
XX AC AAQ98660;
XX AC AAQ98660 (revised)
DT 25-MAR-2003
DE 10-APR-1996 (first entry)
XX Human papilloma virus PAP8 specific internal PCR primer MY48.
DE Human papilloma virus; primer; detection; diagnosis; genital; oral;
KW Human papilloma virus;

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 316 AAGACTGCAGAGAGCTGT 334
Db 2 AGGTCTGCAGAAAAGCTGT 20

RESULT 46
AAT44752
ID AAT44752 standard; DNA; 20 BP.
XX AC AAT44752;
XX AC AAT44752 (revised)
DT 25-MAR-2003
DE 29-JAN-1997 (first entry)
XX Internal PCR primer MY48 to generate generic probe.
DE Internal PCR primer MY48 to generate generic probe.
XX Probe; primer; PCR; polymerase chain reaction; amplification;
KW Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGAGCTGT 334
Db 2 AGGTCTGCAGAAAAGCTGT 20

RESULT 47
AAT77876
ID AAT77876 standard; DNA; 20 BP.
XX AC AAT77876;
XX AC AAT77876 (revised)
DT 25-MAR-2003
DE 02-OCT-1997 (first entry)
XX Internal PCR primer MY48 for papillomavirus 88 generic probe.
DE Internal PCR primer MY48 for papillomavirus 88 generic probe.
XX Papillomavirus 88; PAP88; generic probe; detection; primer; internal;

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGAGCTGT 334
Db 2 AGGTCTGCAGAAAAGCTGT 20

RESULT 48
AAV17423
ID AAV17423 standard; DNA; 20 BP.
XX AC AAV17423;
XX AC AAV17423 (revised)
DT 25-MAR-2003
DE 04-JUN-1998 (first entry)
XX Primer MY48 for human papillomavirus typing.
DE Human papillomavirus; HPV; HPV detection; HPV typing;
KW Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGAGCTGT 334
Db 2 AGGTCTGCAGAAAAGCTGT 20

RESULT 49

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ACF57286/c
ID ACF57286 standard; DNA; 20 BP.
XX
AC ACF57286;
XX
DT 16-OCT-2003 (first entry)
XX
DE Human TIMP-3 reverse PCR primer SEQ ID NO:86.
XX
KW Human; mouse; skin structure; skin; laminin 5 chain gene; LAMB3; LAMB3;
LAMB2; extracellular matrix component; matrix metalloproteinase; MMP-1;
LAMB2; extracellular matrix component; matrix metalloproteinase; MMP-1;

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 824 CGGTGCTGAAGCTGTACC 842
DB 20 GGCTACTGCAGCTGTACC 2

RESULT 50
AAA63852/c
ID AAA63852 standard; DNA; 21 BP.
XX
AC AAA63852;
XX
DT 04-DEC-2000 (first entry)
XX
DE PCR primer used to amplify cDNA encoding full length human DAGKbeta.
XX
KW Human; diacylglycerol kinase beta; DAGKbeta; diacylglycerol; DAG;
phosphatidic acid; DAG-dependent protein kinase C activation;

Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 771 CTGGAGAGAGAGCTGTGAGC 789
DB 19 CTGGAGAGAGCTGTGAGC 1

RESULT 51
AAT51587/c
ID AAT51587 standard; DNA; 21 BP.
XX
AC AAT51587;
XX
DT 06-NOV-1997 (first entry)
XX
DE KSHV DNA polymerase specific oligonucleotide HVLQB.
XX
KW Retroperitoneal fibromatosis herpes virus; detection; infection;
Kaposi's sarcoma herpes virus; viral DNA; viral RNA; vaccine; antigen;

Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 404 CCTGCTCCAGCAGGCTCTC 422
DB 19 CGTCTCCAGCAGGCTCTC 1

RESULT 52
AAT84695/c
ID AAT84695 standard; DNA; 21 BP.
XX
AC AAT84695;
XX
DT 02-JAN-1998 (first entry)
XX
DE KSHV DNA polymerase antisense oligonucleotide HVLQB.
XX
KW KSHV; gamma herpes virus; glycoprotein B; vaccine; infection;
human Kaposi's sarcoma-associated herpes virus; probe; primer;

Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 404 CCTGCTCCAGCAGGCTCTC 422
DB 19 CGTCTCCAGCAGGCTCTC 1

RESULT 53
ABL88821
ID ABL88821 standard; DNA; 18 BP.
XX
AC ABL88821;
XX
DT 22-MAY-2002 (first entry)
XX
DE HIV-1 related binding molecule oligonucleotide sequence SEQ ID NO:43.
XX
KW Binding molecule; HIV-1; human immunodeficiency virus type 1;
reverse transcriptase; binding group; ss.

Query Match 1.7%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAAG 779
DB 4 CAGAACTGGAGAAG 17

RESULT 54
ABL88799
ID ABL88799 standard; DNA; 18 BP.
XX
AC ABL88799;
XX
DT 22-MAY-2002 (first entry)
XX
DE HIV-1 related binding molecule oligonucleotide sequence SEQ ID NO:21.
XX
KW Binding molecule; HIV-1; human immunodeficiency virus type 1;
reverse transcriptase; binding group; ss.

Query Match 1.7%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAAG 779
DB 4 CAGAACTGGAGAAG 17

RESULT 55
ABT33591/c
ID ABT33591 standard; DNA; 22 BP.
XX
AC ABT33591;
XX
DT 22-MAY-2003 (first entry)
XX
DE NOV reverse PCR primer SEQ ID No 507.
XX
KW Hepatotropic; immunosuppressive; cardiant; hypertensive; tranquilizer;
Hepatotropic; immunosuppressive; cardiant; hypertensive; tranquilizer;
vulnerary; virucide; antibacterial; protozoacide; fungicide; nootropic;

Query Match 1.7%; Score 14; DB 1; Length 22;
Best Local Similarity 77.3%; Pred. No. 50;

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Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 399 CACACCTGCTCCAGCAGGCTC 420
DB 22 CACAACTCTCTCATCAGGCC 1

RESULT 56
ABN84264/c
ID ABN84264 standard; DNA; 24 BP.
XX AC ABN84264;
XX DT 24-SEP-2002 (first entry)
XX DE Human PAL 5' RACE nested primer.
XX KW PAL; protein expressed in activated lymphocytes; human;
KW Shc binding protein; cancer; tumour; marker; diagnosis; gene therapy;
Query Match 1.7%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 57;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 757 AGGAGATGGCAGACTGGAGAA 778
DB 24 AGGAGCTGGCGTCTCTGGAGAA 3

RESULT 57
ABI83765/c
ID ABI83765 standard; DNA; 24 BP.
XX AC ABI83765;
XX DT 15-FEB-2002 (first entry)
XX DE Capture oligonucleotide Zip ID#684 oligo #2.
XX KW Human; K-ras; PCR primer; probe; capture probe; mutation detection;
KW ligase detection reaction; LDR; p53; BRCA1; BRCA2; infectious disease;
Query Match 1.7%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 57;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 664 TGCAGCTGAAGCTCACAGATGG 685
DB 22 TGCAGCGGAAGCTTGCAACGG 1

RESULT 58
ABI83764
ID ABI83764 standard; DNA; 24 BP.
XX AC ABI83764;
XX DT 15-FEB-2002 (first entry)
XX DE Capture oligonucleotide Zip ID#684 oligo #1.
XX KW Human; K-ras; PCR primer; probe; capture probe; mutation detection;
KW ligase detection reaction; LDR; p53; BRCA1; BRCA2; infectious disease;
Query Match 1.7%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 57;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 664 TGCAGCTGAAGCTCACAGATGG 685
DB 3 TGCAGCGGAAGCTTGCAACGG 24
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RESULT 59
ABX93804/c
ID ABX93804 standard; DNA; 24 BP.
XX AC ABX93804;
XX DT 06-JUN-2003 (first entry)
XX DE Human PAL protein 5' RACE primer #2.
XX KW Human; ss; PCR; PAL; protein expressed activated lymphocytes; primer;
KW Shc-binding protein; intracellular signalling; cytostatic; tumour;
Query Match 1.7%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 57;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 757 AGGAGATGGCAGACTGGAGAA 778
DB 24 AGGAGCTGGCGTCTCTGGAGAA 3

RESULT 60
ABL46754/c
ID ABL46754 standard; RNA; 17 BP.
XX AC ABL46754;
XX DT 27-JUN-2003 (first entry)
XX DE Human GRID NCH ribozyme substrate oligonucleotide #208.
XX KW Human; Grb2-related with Insert Domain; GRID; T-cell;
KW co-stimulatory adaptor protein; tissue rejection; graft rejection;
Query Match 1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 137 TGCTTTGGGGGCTGCAG 153
DB 17 TGCTGTGGGGGCTGCTG 1

RESULT 61
ABL46753/c
ID ABL46753 standard; RNA; 17 BP.
XX AC ABL46753;
XX DT 27-JUN-2003 (first entry)
XX DE Human GRID NCH ribozyme substrate oligonucleotide #207.
XX KW Human; Grb2-related with Insert Domain; GRID; T-cell;
KW co-stimulatory adaptor protein; tissue rejection; graft rejection;
Query Match 1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 138 GCTTTGGGGGCTGCAGC 154
DB 17 GCTGTGGGGGCTGCTGC 1

RESULT 62
ABN08390/c
ID ABN08390 standard; DNA; 17 BP.
XX AC ABN08390;
XX DT 29-MAY-2002 (first entry)
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XX Human GDMLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8382.
DE
XX
KW Human, genome-derived myosin-like protein 1; GDMLP-1; hGDMLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 402 ACCTGCTCCAGCAGGC 418
Db 17 ACTCTGCTCCAGCTGGC 1

RESULT 63
ABN08387/c
ID ABN08387 standard; DNA; 17 BP.
XX
AC ABN08387;
XX
XX 29-MAY-2002 (first entry)
XX
XX Human GDMLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8383.
XX
XX Human, genome-derived myosin-like protein 1; GDMLP-1; hGDMLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 401 CACCTGCTCCAGCAGG 417
Db 17 CACTCTGCTCCAGCTGG 1

RESULT 64
ABN08389/c
ID ABN08389 standard; DNA; 17 BP.
XX
AC ABN08389;
XX
XX 29-MAY-2002 (first entry)
XX
XX Human GDMLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8381.
XX
XX Human, genome-derived myosin-like protein 1; GDMLP-1; hGDMLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 403 CCCTGCTCCAGCAGCT 419
Db 17 CTCTGCTCCAGCTGGCT 1

RESULT 65
ABN08387/c
ID ABN08387 standard; DNA; 17 BP.
XX
AC ABN08387;
XX
XX 29-MAY-2002 (first entry)
XX
XX Human GDMLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8379.
XX
XX Human, genome-derived myosin-like protein 1; GDMLP-1; hGDMLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 404 CCCTGCTCCAGCAGCT 421
Db 17 CTGCTCCAGCTGGCTGT 1

RESULT 66
AAZ94157/c
ID AAZ94157 standard; DNA; 19 BP.
XX
AC AAZ94157;
XX
XX 19-JUN-2000 (first entry)
XX
XX Human PENT2 PCR primer.
XX
XX Phosphatidylethanolamine N-methyltransferase-2; PENT2; human;
KW liver cancer; hepatoma; antitumour; antiproliferative; therapy;

Query Match      1.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 46;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 552 GTAGCCCAACAGCAGGG 568
Db 18 GTAGCCCAACAGCAGGG 2

RESULT 67
AAZ56154
ID AAZ56154 standard; DNA; 20 BP.
XX
AC AAZ56154;
XX
XX 27-MAR-2000 (first entry)
XX
XX PCR primer for HSP90a protein amplification.
XX
XX PCR primer; heat shock protein; HSP60a; human; clone identification; ss.

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 50;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 647 GCACCCGAGTGTCTCA 663
Db 2 GCACCCGAGTGTCTCA 18

RESULT 68
AAH77260
ID AAH77260 standard; DNA; 20 BP.
XX
AC AAH77260;
XX
XX 08-APR-2002 (first entry)
XX
XX Pichia pastoris PCR primer PQE276.
XX
XX PQE276; T7-expression cassette; PQE32; Pichia pastoris; AOX;
KW yeast alcohol oxidase promoter; yeast CUS1 promoter; CMV; PARS;

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 50;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 647 GCACCCGAGTGTCTCA 663
Db 2 GCACCCGAGTGTCTCA 18

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RESULT 69
AAV70045/c
ID AAV70045 standard; DNA; 20 BP.
XX
XX
XX AAV70045;
XX
DT 04-FEB-1999 (first entry)
XX
XX
XX Rat c-Fos protein antisense oligonucleotide #99.
XX Rat; c-fos; c-jun; activating protein 1; AP-1; diagnosis; metastasis;
XX antisense oligonucleotide; phosphorothioate; regulation;
XX
Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 50;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 615 GCCATCTCAACGCGC 631
DB 18 GCCATCTCCACGCC 2
XX
RESULT 70
AAF95967
ID AAF95967 standard; DNA; 21 BP.
XX
XX
XX AAF95967;
XX
DT 06-JUN-2001 (first entry)
XX
XX
XX Human gene single nucleotide polymorphism #728.
XX Human; variant thrombospondin 1; variant thrombospondin 4; SNP;
XX polymorphism; vascular disease; coronary artery disease; forensics;
XX
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 551 TGTAGCCCAACGAGG 567
DB 1 TATGCCCAACGAGG 17
XX
RESULT 71
AAZ04965
ID AAZ04965 standard; DNA; 20 BP.
XX
XX
XX AAZ04965;
XX
DT 07-OCT-1999 (first entry)
XX
XX
XX PCR primer used to amplify an ORF of Chlamydia trachomatis.
XX Vaccine; eye disease; conventional trachoma; nonendemic trachoma;
XX paratrachoma; inclusion conjunctivitis; genital disease; perinephatitis;
XX
Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 59;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 759 GAGATGGCAGACTGGAGAA 778
DB 1 GAGAAGGATGATCTGGAGAA 20
XX
RESULT 72
AAH48905
ID AAH48905 standard; DNA; 20 BP.
XX
XX
XX AAH48905;
XX
DT 12-NOV-2001 (first entry)
XX
XX
XX Human PAH gene associated primer #38.
XX Neonate screening; prenatal screening; gene chip; diagnosis;
XX phenylketonuria; maple syrup disease; galactosemia; homocysteinuria;
XX
Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 59;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 759 GAGATGGCAGACTGGAGAA 778
DB 1 GAGAAGCCCAAGCTGGAGAA 20
XX
RESULT 73
ABK22988/c
ID ABK22988 standard; DNA; 20 BP.
XX
XX
XX ABK22988;
XX
DT 09-APR-2002 (first entry)
XX
XX
XX Human Zmax1 cDNA reverse PCR primer #75.
XX Human; mouse; Zmax1; HBV; high bone mass gene; lipid regulation; stroke;
XX lipid-associated condition; arteriosclerosis; cardiovascular disease; ss;
XX
Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 59;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 546 GACTCTGTAGCCCAACAGCA 565
DB 20 GACTCTGTAGCTCCAGCAGCA 1
XX
RESULT 74
ABS68903/c
ID ABS68903 standard; DNA; 20 BP.
XX
XX
XX ABS68903;
XX
DT 20-NOV-2002 (first entry)
XX
XX
XX Human RecQ protein-like 4 (RECQL4) DNA antisense oligonucleotide #46.
XX Human; RecQ protein-like 4; RECQL4; ss; chromosome 8q24; infection;
XX inflammation; tumour formation; cancer; cytostatic; antiinflammatory;
XX
Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 59;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 509 GCCCAGTTGGCATTGGGA 528
DB 20 GGCCACGGTGGCTTTGGGA 1
XX
RESULT 75
ACC45571/c
ID ACC45571 standard; DNA; 20 BP.
XX
XX
XX ACC45571;
XX
DT 02-JUN-2003 (first entry)
XX
XX
XX Human HEM STS marker reverse primer #75.
XX Human; high bone mass; HBV; LRP5; LRP6; transgenic; bone mass modulation;
XX gene therapy; bone density modulation; bone strength; trabecular number;
XX

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Query Match 1.6%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 59;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 546 GACTCTGTAGCCCAACAGCA 565  
 DB 20 GACTCTGACTCCCAACAGCA 1

RESULT 76  
 ADB98269/c  
 ID ADB98269 standard; DNA; 20 BP.  
 XX AC ADB98269;  
 XX DT 04-DEC-2003 (first entry)  
 XX DE Sequence tagged site #150 used to prepare Zmax1 (LRP5) gene region map.  
 XX KW Osteopathic; Gene therapy; High Bone Mass; HM; LRP5; Zmax1; LRP6;  
 KW bone mass modulation; osteoporosis; STS; sequence tagged site; ds.

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 59;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 546 GACTCTGTAGCCCAACAGCA 565  
 DB 20 GACTCTGACTCCCAACAGCA 1

RESULT 77  
 ABZ87473  
 ID ABZ87473 standard; DNA; 20 BP.  
 XX AC ABZ87473;  
 XX DT 17-OCT-2003 (first entry)  
 XX DE Human oligonucleotide sequence.  
 XX KW Human; antisense; lung dysfunction; nasal airway dysfunction;  
 KW antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 59;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 551 TGTAGCCCAACAGCAGGAT 570  
 DB 1 TGTGCCCCACCAGCAGTGAT 20

RESULT 78  
 ACK27587/c  
 ID ACK27587 standard; DNA; 25 BP.  
 XX AC ACK27587;  
 XX DT 14-OCT-2003 (first entry)  
 XX DE Human microarray DNA oligonucleotide SEQ ID NO 127568.  
 XX KW EST; ss; probe; expressed sequence tag; microarray; gene expression;  
 KW genetic variation; biallelic marker; polymorphism; human;

Query Match 1.6%; Score 13.6; DB 1; Length 25;  
 Best Local Similarity 80.0%; Pred. No. 84;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 761 GATGGCAGAACTGGAGAAGA 780  
 DB 25 GATGACAGATCTGGAACAGA 6

RESULT 79  
 ACH58525/c  
 ID ACH58525 standard; DNA; 25 BP.  
 XX AC ACH58525;  
 XX DT 16-OCT-2003 (first entry)  
 XX DE DNA target sequence #7661 useful in array for genetic analyses.  
 XX KW Gene expression analysis; array; hybridisation; genetic variation;  
 KW tag-labelled compound; gene family; in situ hybridisation;

Query Match 1.6%; Score 13.6; DB 1; Length 25;  
 Best Local Similarity 80.0%; Pred. No. 84;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 761 GATGGCAGAACTGGAGAAGA 780  
 DB 25 GATGACAGATCTGGAACAGA 6

RESULT 80  
 AAF46503  
 ID AAF46503 standard; DNA; 15 BP.  
 XX AC AAF46503;  
 XX DT 30-MAR-2001 (first entry)  
 XX DE IGFBP2 oligonucleotide #1342.  
 XX KW Antisense therapy; antiproliferative; antiinflammatory; antipsoriatic;  
 KW cytostatic; dermatological; cardiant; virucide; ophthalmological; keloid;

Query Match 1.6%; Score 13.4; DB 1; Length 15;  
 Best Local Similarity 93.3%; Pred. No. 44;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGGGTACAG 739  
 DB 1 GGAGCTGGGTACAG 15

RESULT 81  
 ABL46757/c  
 ID ABL46757 standard; RNA; 17 BP.  
 XX AC ABL46757;  
 XX DT 27-JUN-2003 (first entry)  
 XX DE Human GRID NCH ribozyme substrate oligonucleotide #211.  
 XX KW Human; Grb2-related with Insert Domain; GRID; T-cell;  
 KW co-stimulatory adaptor protein; tissue rejection; graft rejection;

Query Match 1.6%; Score 13.4; DB 1; Length 17;  
 Best Local Similarity 93.3%; Pred. No. 54;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTG 150  
 DB 15 CTGCTGTGGGGCTG 1

RESULT 82  
 ABN08388/c  
 ID ABN08388 standard; DNA; 17 BP.  
 XX AC ABN08388;



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XX 29-MAY-2002 (first entry)
DT
XX Human GDMPL-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8380.
DE
XX Human GDMPL-1; GDMPL-1; hGDMPL-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
KW

Query Match      1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 54;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGCT 419
DB 16 CTGCTCCAGCTGGCT 2

RESULT 83
AAT51286/C
ID AAT51286 standard; DNA; 19 BP.
XX
AC AAT51286;
XX
DT 11-NOV-1997 (first entry)
DE Human AD4 gene PCR primer INTIR.
XX
KW Autosomal dominant early-onset Alzheimer's Disease; AD4; STM2;
KW neurodegeneration; senile dementia; human chromosome 1;

Query Match      1.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 64;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 418 CTCTCCGCTGCCCC 432
DB 17 CTCTCCGCTGCCCC 3

RESULT 84
AAV56661/C
ID AAV56661 standard; DNA; 20 BP.
XX
AC AAV56661;
XX
DT 02-DEC-1998 (first entry)
DE Human Stat-6 antisense oligonucleotide #5.
XX
KW Stat-6; signal transducers and activators of transcription; primer;
KW antisense; inhibitor; therapy; allergy; asthma; treatment; ss.

Query Match      1.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 70;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 773 GGAGAGAAGTGTGA 787
DB 17 GGAGAGAAGTGTGA 3

RESULT 85
ACK18978
ID ACK18978 standard; DNA; 25 BP.
XX
AC ACK18978;
XX
DT 14-OCT-2003 (first entry)
DE Human microarray DNA oligonucleotide SEQ ID NO 118959.
XX
KW EST; ss; probe; expressed sequence tag; microarray; gene expression;
KW genetic variation; biallelic marker; polymorphism; human;

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Query Match      1.6%; Score 13.4; DB 1; Length 25;
Best Local Similarity 73.9%; Pred. No. 99;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 255 GACTTAGACAGCAGCAGCTTCAG 277
DB 3 GACCGAGACAGGTGCCCGTTGAG 25

RESULT 86
AAQ10847
ID AAQ10847 standard; DNA; 18 BP.
XX
AC AAQ10847;
XX
DT 08-MAY-1991 (first entry)
DE Probe to N-terminal region of MAb T84.66 gamma heavy chain.
XX
KW MAB T84.66; gamma heavy chain; carcinoembryonic antigen; CEA;
KW human adenocarcinoma; mouse-human chimaeric antibody; ss.

Query Match      1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 69;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 660 CTCATGCAGCTGAAGCTC 677
DB 1 CTGCTGCAGCTGAAGCTC 18

RESULT 87
AAA84761
ID AAA84761 standard; DNA; 19 BP.
XX
AC AAA84761;
XX
DT 04-DEC-2000 (first entry)
DE Cyclin F ribozyme binding site #29.
XX
KW Ribozyme; hairpin; hammerhead; gene therapy; vasotropic; restenosis; ss.

Query Match      1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 76;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 714 GCCAAATTTTCAGGAGCTG 731
DB 2 GCCAGCTTCAGGAGCTG 19

RESULT 88
AAA84761/c
ID AAA84761 standard; DNA; 19 BP.
XX
AC AAA84761;
XX
DT 04-DEC-2000 (first entry)
DE Cyclin F ribozyme binding site #29.
XX
KW Ribozyme; hairpin; hammerhead; gene therapy; vasotropic; restenosis; ss.

Query Match      1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 76;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 466 AGCTCCAGGAAGTGGCA 483
DB 1 AGCTCCAGGAAGTGGCA 19

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Db      18 AGCTCCTGGAAGCTGGCA 1

RESULT 89
AAH59923
ID      AAH59923 standard; DNA; 19 BP.
AC      AAH59923;
XX
XX
XX      10-SEP-2001 (first entry)
XX
XX      Cyclin F ribozyme binding site SEQ ID NO:2347.
XX
XX      Human; ribozyme therapy; hairpin ribozyme; hammerhead ribozyme;
KW      recognition site; target; ribozyme binding site; eye disease; vulnery;
KW

Query Match      1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 76;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      714 GCCAAATTCAGGAGCTG 731
Db      2 GCCAGCTTCAGGAGCTG 19

RESULT 90
AAH59923/c
ID      AAH59923 standard; DNA; 19 BP.
AC      AAH59923;
XX
XX
XX      10-SEP-2001 (first entry)
XX
XX      Cyclin F ribozyme binding site SEQ ID NO:2347.
XX
XX      Human; ribozyme therapy; hairpin ribozyme; hammerhead ribozyme;
KW      recognition site; target; ribozyme binding site; eye disease; vulnery;
KW

Query Match      1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 76;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      466 AGCTCCAGGAACCTGGCA 483
Db      18 AGCTCCTGGAAGCTGGCA 1

RESULT 91
AAH59923/c
ID      AAH59923 standard; DNA; 19 BP.
AC      AAH59923;
XX
XX
XX      04-DEC-2000 (first entry)
XX
XX      Cyclin F ribozyme binding site #28.
XX
XX      Ribozyme; hairpin; hammerhead; gene therapy; vasotropic; restenosis; ss.

Query Match      1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 76;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      466 AGCTCCAGGAACCTGGCA 483
Db      19 AGCTCCTGGAAGCTGGCA 2

RESULT 92
AAH59922/c
ID      AAH59922 standard; DNA; 19 BP.
XX

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AC      AAH59922;
XX
XX      10-SEP-2001 (first entry)
XX
XX      Cyclin F ribozyme binding site SEQ ID NO:2346.
XX
XX      Human; ribozyme therapy; hairpin ribozyme; hammerhead ribozyme;
KW      recognition site; target; ribozyme binding site; eye disease; vulnery;
KW

Query Match      1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 76;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      466 AGCTCCAGGAACCTGGCA 483
Db      19 AGCTCCTGGAAGCTGGCA 2

RESULT 93
AAH59923/c
ID      AAH59923 standard; DNA; 19 BP.
AC      AAH59923;
XX
XX
XX      18-NOV-1996 (first entry)
XX
XX      Corynebacterium sp. J1. 16S rRNA gene derived probe/primer.
DE      rRNA; ribosomal RNA; primer; probe; detection; metabolism; aromatic; ss.
XX

Query Match      1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 76;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      739 GTGTAGCCTTGCTCCTTA 756
Db      18 GTGTAGCCTTGCTCCTTA 1

RESULT 94
AAH59923/c
ID      AAH59923 standard; DNA; 19 BP.
AC      AAH59923;
XX
XX
XX      17-OCT-2003 (first entry)
XX
XX      Human IL5-R oligonucleotide sequence.
DE
DE
XX      Human; antisense; lung dysfunction; nasal airway dysfunction;
KW      antiinflammatory steroid; ubiqunone; antiinflammatory; antiallergic;

Query Match      1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 76;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      407 GCTCCAGCAGGCTCTCCG 424
Db      19 GCTCCAGCAGGCTCTCTG 2

RESULT 95
AAH59923/c
ID      AAH59923 standard; DNA; 19 BP.
AC      AAH59923;
XX
XX
XX      29-JAN-2004 (first entry)
XX
XX      Stearoyl-CoA desaturase siRNA oligonucleotide SEQ ID NO:414.
KW      short interfering nucleic acid; siRNA; downregulation; inhibition; SCD;

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KW stearyl-CoA desaturase; RNA interference; anorectic; antidiabetic;  
Query Match 1.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 66.7%; Pred. No. 76;  
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;  
QY 715 CCAAAATTCAGGAGCTGC 732  
DB 1 CAAAATTCAGGAGCTGC 18  
RESULT 96  
ADE27180/c  
ID ADE27180 standard; RNA; 19 BP.  
XX AC ADE27180;  
DT 29-JAN-2004 (first entry)  
XX DE Stearyl-CoA desaturase siRNA oligonucleotide SEQ ID NO:124.  
XX KW short interfering nucleic acid; siRNA; downregulation; inhibition; SCD;  
KW stearyl-CoA desaturase; RNA interference; anorectic; antidiabetic;  
Query Match 1.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 76;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 715 CCAAAATTCAGGAGCTGC 732  
DB 19 CAAAATTCAGGAGCTGC 2  
RESULT 97  
ADE29746  
ID ADE29746 standard; RNA; 19 BP.  
XX AC ADE29746;  
DT 29-JAN-2004 (first entry)  
XX DE Mitogen activated protein kinase siRNA oligonucleotide SEQ ID NO:368.  
XX KW short interfering nucleic acid; siRNA; downregulation; inhibition;  
KW mitogen-activated protein kinase; MAP kinase; MAPK; RNA interference;  
Query Match 1.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 55.8%; Pred. No. 76;  
Matches 10; Conservative 5; Mismatches 3; Indels 0; Gaps 0;  
QY 135 TCTGCTTTGGGGCTGCA 152  
DB 2 UCUGGUCUGGGGCTGCA 19  
RESULT 98  
ADE29851/c  
ID ADE29851 standard; RNA; 19 BP.  
XX AC ADE29851;  
DT 29-JAN-2004 (first entry)  
XX DE Mitogen activated protein kinase siRNA oligonucleotide SEQ ID NO:473.  
XX KW short interfering nucleic acid; siRNA; downregulation; inhibition;  
KW mitogen-activated protein kinase; MAP kinase; MAPK; RNA interference;  
Query Match 1.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 76;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 135 TCTGCTTTGGGGCTGCA 152

DB 18 TCTGCTTTGGGGCTGCA 1  
RESULT 99  
AAH84296/c  
ID AAH84296 standard; DNA; 19 BP.  
XX AC AAH84296;  
DT 04-DEC-2000 (first entry)  
XX DE Cyclin D1 ribozyme binding site #63.  
XX KW Ribozyme; hairpin; hammerhead; gene therapy; vasotropic; restenosis; ss.  
XX  
Query Match 1.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 76;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 771 CTGGAGAGGAAGTGTGAG 788  
DB 18 CTGGAGAGGAAGTGTG 1  
RESULT 100  
AAH59458/c  
ID AAH59458 standard; DNA; 19 BP.  
XX AC AAH59458;  
DT 10-SEP-2001 (first entry)  
XX DE Cyclin D1 ribozyme binding site SEQ ID NO:1882.  
XX KW Human; ribozyme therapy; hairpin ribozyme; hammerhead ribozyme;  
KW recognition site; target; ribozyme binding site; eye disease; vulnerability;  
Query Match 1.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 76;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 771 CTGGAGAGGAAGTGTGAG 788  
DB 18 CTGGAGAGGAAGTGTG 1  
RESULT 101  
AAT39478  
ID AAT39478 standard; DNA; 20 BP.  
XX AC AAT39478;  
DT 21-MAY-1997 (first entry)  
XX DE Steroidogenesis acute regulatory protein antisense PCR primer 2.  
XX KW Human; steroidogenesis; acute regulatory protein; hSTAR; analysis;  
KW mutation; detection; prenatal; genetic defect; congenital; protein;  
Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 82;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 612 GTGGCCATCTCAACCAGC 629  
DB 2 GTGGCCATCTCAACCAGC 19  
RESULT 102  
AAA1141/c  
ID AAA1141 standard; DNA; 20 BP.

```

XX XX Vaccine; eye disease; conventional trachoma; nonendemic trachoma;
AC AC paratrachoma; inclusion conjunctivitis; genital disease; perihepatitis;
XX XX
DT DT 26-SEP-2000 (first entry)
XX XX
DE DE Primer #2 for rat beta actin gene.
XX XX
XX XX Cytostatic; chemoprevention; cancer; 4'-bromoflavone; phase II enzyme;
KW KW metabolic detoxification; xenobiotic compound; mammal; tumour growth;
KW KW
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 82;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 772 TGGAGAGAGAGTGTGAGC 789
Db 20 TGGAGAGAGCTATGAC 3
RESULT 103
ABZ85388/c
ID ABZ85388 standard; DNA; 20 BP.
XX XX
AC AC ABZ85388;
XX XX
DT DT 17-OCT-2003 (first entry)
XX XX
DE DE Human oligonucleotide sequence.
XX XX
KW KW Human; antisense; lung dysfunction; nasal airway dysfunction;
KW KW antiinflammatory steroid; ubiqunone; antiinflammatory; antiallergic;
KW KW
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 82;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 564 CAGGGATCCTCGTCGCT 581
Db 18 CTGGGACCTGGCTGCT 1
RESULT 104
ABX03708/c
ID ABX03708 standard; DNA; 20 BP.
XX XX
AC AC ABX03708;
XX XX
DT DT 08-JAN-2003 (first entry)
XX XX
DE DE Human RECQL5 inhibition chimeric phosphorothioate oligonucleotide #22.
XX XX
KW KW RECQL5; tumour; inflammation; cytostatic; antiinflammatory;
KW KW RECQL5-inhibitor; human; ss.
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 82;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 383 CCTGCTGGCGGCACAC 400
Db 20 CATGCGCGGTGCACAC 3
RESULT 105
AAZ06004
ID AAZ06004 standard; DNA; 20 BP.
XX XX
AC AC AAZ06004;
XX XX
DT DT 07-OCT-1999 (first entry)
XX XX
DE DE PCR primer used to amplify an ORF of Chlamydia trachomatis.
XX XX
KW KW Vaccine; eye disease; conventional trachoma; nonendemic trachoma;
KW KW paratrachoma; inclusion conjunctivitis; genital disease; perihepatitis;
KW KW
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 82;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 778 AGAAGTGTGAGCGCAAC 795
Db 2 AGAGTGTGTGCGCAAC 19
RESULT 106
AAX95980
ID AAX95980 standard; DNA; 20 BP.
XX XX
AC AC AAX95980;
XX XX
DT DT 13-SEP-1999 (first entry)
XX XX
DE DE PCR primer used to amplify an ORF of Chlamydia pneumoniae.
XX XX
KW KW Respiratory disease; pneumonia; bronchitis; heart disease; sarcoidosis;
KW KW sinusitis; purulent otitis media; erythema nodosum; pharyngitis; vaccine;
KW KW
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 82;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 758 GGAGATGGCAGAACTGGA 775
Db 3 GTAGATGGCAAGCTGGA 20
RESULT 107
AAC93183/c
ID AAC93183 standard; DNA; 20 BP.
XX XX
AC AC AAC93183;
XX XX
DT DT 15-FEB-2001 (first entry)
XX XX
DE DE Human STAT3 phosphorothioate antisense oligonucleotide SEQ ID NO:34.
XX XX
KW KW Human; mouse; STAT3; phosphorothioate; antisense oligonucleotide;
KW KW modulation; signal transducer and activator of transcription;
KW KW
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 82;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 273 TTCAGAAAGTTGTTGAA 290
Db 18 TTCAGAAACTTAATGAA 1
RESULT 108
AAS96800/c
ID AAS96800 standard; DNA; 20 BP.
XX XX
AC AC AAS96800;
XX XX
DT DT 26-FEB-2002 (first entry)
XX XX
DE DE Human STAT3 antisense phosphorothioate oligodeoxynucleotide #33.
XX XX
KW KW STAT3; human; signal transducer and activator of transcription; ss; STAT;
KW KW antisense gene therapy; Fas-mediated apoptosis; inflammatory disease;
KW KW
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 82;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 273 TTCAGAAAGTTGTTGAAA 290
DB 18 TTCAGAAACTTAATGAAA 1

RESULT 109
ABZ88325/c
ID ABZ88325 standard; DNA; 20 BP.
XX
XX AC ABZ88325;
XX
XX DT 17-OCT-2003 (first entry)
XX
XX DE Human oligonucleotide sequence.
XX
XX KW Human; antisense; lung dysfunction; nasal airway dysfunction;
XX antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;
XX

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 82;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 771 CTGAGAGAAGTGTGAG 788
DB 19 CTGAGAGAAGTGTGGAG 2

RESULT 110
ACF05117
ID ACF05117 standard; DNA; 20 BP.
XX
XX AC ACF05117;
XX
XX DT 06-NOV-2003 (first entry)
XX
XX DE Human aliphoid consensus sequence PCR primer alphas.
XX
XX KW Human; aliphoid; immunodeficiency virus; HIV; anti-HIV; latency; PCR;
XX primer; ss.

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 82;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 260 AGACAGGAGCACCTTCAGAA 279
DB 1 AGACAGAAGCATTCISAGAA 20

RESULT 111
AAF85557/c
ID AAF85557 standard; DNA; 21 BP.
XX
XX AC AAF85557;
XX
XX DT 13-JUN-2001 (first entry)
XX
XX DE Human hNDS4-isoform related PCR primer SEQ ID NO: 4.
XX
XX KW Human; hNDS4 isoform; NADH dehydrogenase subunit 4; PCR primer; ss.
XX

Query Match 1.6%; Score 13.2; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 88;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 773 GGAGAAGAAGTGTGAGCG 790
DB 19 GGATATGAGGTGTGAGCG 2

RESULT 112
ABQ80130
ID ABQ80130 standard; DNA; 22 BP.
XX
XX AC ABQ80130;
XX
XX DT 13-JUN-2003 (first entry)
XX
XX DE Probe DBM0157P, identifies IL4R variant T1682.
XX
XX KW Human; interleukin 4 receptor; IL4R; type 1; diabetes; allele;
XX insulin dependent diabetes mellitus; IDDM; myasthenia gravis;

Query Match 1.6%; Score 13.2; DB 1; Length 22;
Best Local Similarity 83.3%; Pred. No. 95;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 TCAGAAAGTTGTTGAAAC 291
DB 5 TCAGAGAGTTGCTGAAGC 22

RESULT 113
ABQ80159
ID ABQ80159 standard; DNA; 22 BP.
XX
XX AC ABQ80159;
XX
XX DT 13-JUN-2003 (first entry)
XX
XX DE Probe DBM0157P, identifies wild type IL4R SNP #6.
XX
XX KW Human; interleukin 4 receptor; IL4R; type 1; diabetes; allele;
XX insulin dependent diabetes mellitus; IDDM; myasthenia gravis;

Query Match 1.6%; Score 13.2; DB 1; Length 22;
Best Local Similarity 83.3%; Pred. No. 95;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 TCAGAAAGTTGTTGAAAC 291
DB 5 TCAGAGAGTTGCTGAAGC 22

RESULT 114
AAF26667
ID AAF26667 standard; DNA; 18 BP.
XX
XX AC AAF26667;
XX
XX DT 02-APR-2001 (first entry)
XX
XX DE Human Smad7 phosphorothioate antisense oligonucleotide SEQ ID NO:10.
XX
XX KW Human; Smad7; antisense oligonucleotide; phosphorothioate; inhibition;
XX antiinflammatory; cytostatic; infection; inflammation; tumour formation;

Query Match 1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 420 CTCGGGCTGCCCC 432
DB 1 CTCGGGCTGCCCC 13

RESULT 115
AAL60347
ID AAL60347 standard; DNA; 18 BP.
XX
XX AC AAL60347;
XX
XX DT 27-AUG-2003 (first entry)
XX
XX DE Human Smad-7 antisense oligonucleotide #1.
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XX Smad7; central nervous system; CNS; autoimmune transverse myelitis;
KW multiple sclerosis; MS; neuromyelitis optica; Devic's syndrome; trauma;

Query Match      1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 420 CTCGGCTGCCCC 432
Db 1 CTCGGCTGCCCC 13

RESULT 116
AAF83877/c
ID AAF83877 standard; DNA; 20 BP.
XX AC
XX AAF83877;
XX
DT 06-AUG-2001 (first entry)
XX
DE Human NOVINTRA C DNA specific forward primer of primer-probe set Ag903.
XX
KW NOVX; transmembrane protein; NOVTRAN; neuromedin peptide; NOVNEUR;
KW gonadotropin-like protein; NOVGOX; interleukin-1; NOVINTRA; human;

Query Match      1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 96;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676
Db 16 TGCAGCTGAAGCT 4

RESULT 117
ABQ74025/c
ID ABQ74025 standard; DNA; 20 BP.
XX AC
XX ABQ74025;
XX
DT 10-OCT-2002 (first entry)
XX
DE Human NOVINTRA C forward PCR primer SEQ ID NO:98.
XX
KW Human; transmembrane protein; neuromedin protein; gonadotropin protein;
KW interleukin-1 receptor antagonist; interleukin-1 epsilon; NOVX; probe;

Query Match      1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 96;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676
Db 16 TGCAGCTGAAGCT 4

RESULT 118
AAF96193
ID AAF96193 standard; DNA; 21 BP.
XX AC
XX AAF96193;
XX
DT 06-JUN-2001 (first entry)
XX
DE Human gene single nucleotide polymorphism #954.
XX
KW Human; variant thrombospondin 1; variant thrombospondin 4; SNP;
KW polymorphism; vascular disease; coronary artery disease; forensics;

Query Match      1.5%; Score 13; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 102;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 350 CAGCGCCAACTGT 362
Db 1 CAGCGCCAACTGT 13

RESULT 119
AAF96610/c
ID AAF96610 standard; DNA; 21 BP.
XX AC
XX AAF96610;
XX
DT 06-JUN-2001 (first entry)
XX
DE Human gene single nucleotide polymorphism #1371.
XX
KW Human; variant thrombospondin 1; variant thrombospondin 4; SNP;
KW polymorphism; vascular disease; coronary artery disease; forensics;

Query Match      1.6%; Score 13; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 102;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 269 CACCTTCAGAAAGTTGTGAA 289
Db 21 CAGGTTTCAGAAACATGTTGAA 1

RESULT 120
AAF91015/c
ID AAT91015 standard; DNA; 22 BP.
XX AC
XX AAT91015;
XX
DT 27-AUG-2003 (revised)
DT 16-FEB-1998 (first entry)
XX
DE WSBV-specific PCR primer pms 146 R2.
XX
KW WSBV; white spot syndrome; arthropod; shrimp; diagnosis; PCR; primer; ss.

Query Match      1.6%; Score 13; DB 1; Length 22;
Best Local Similarity 76.2%; Pred. No. 110;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 716 CAAATTTTCAGAGCTGCGTA 736
Db 21 CAAAGTTCAGAGCTGCGTA 1

RESULT 121
AAF02208
ID AAF02208 standard; DNA; 17 BP.
XX AC
XX AAF02208;
XX
DT 16-FEB-2001 (first entry)
XX
DE Hammerhead ribozyme substrate #503.
XX
KW Ribozyme; erythropoietin; granulocyte colony stimulating factor;
KW interferon alpha; ss.

Query Match      1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 88;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 418 CTCCTCGGCTGCCCC 433
Db 1 CTCCTCGGCTGCCCC 16

RESULT 122
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ABK57443/c
ID ABK57443 standard; RNA; 17 BP.
XX
XX AC ABK57443;
XX
XX 02-JUL-2002 (first entry)
XX
XX Human CLCA1 gene enzymatic nucleic acid #1814.
XX Human; chloride channel calcium activated 1; CLCA1; ss; antiasthmatic;
XX antiinflammatory; chronic obstructive pulmonary disease; COPD; asthma;
KW

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 88;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 499 TTGGAGATTGGCCAG 514
Db 16 TCGGTGATTGGCCAG 1

RESULT 123
ABN08392/c
ID ABN08392 standard; DNA; 17 BP.
XX
XX AC ABN08392;
XX
XX 29-MAY-2002 (first entry)
XX
XX Human GDMPL-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8384.
XX Human; genome-derived myosin-like protein 1; GDMPL-1; hGDMPL-1; heart;
XX muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;
KW

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 88;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGTCTCCAGCAG 416
Db 16 CACTGTCTCCAGCTG 1

RESULT 124
ABZ64967/c
ID ABZ64967 standard; RNA; 17 BP.
XX
XX AC ABZ64967;
XX
XX 21-MAR-2003 (first entry)
XX
XX Human HER2 DNzyme substrate #424.
XX Human; ribozyme; short interfering RNA; siRNA; HER2; K-Ras;
XX enzymatic nucleic acid; H-Ras; N-Ras; HIV; cytostatic; anti-HIV;
KW

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 88;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 474 GAACITGGCATTCCTC 489
Db 17 GTACTCGCATTCCTC 2

RESULT 125
ABK30214/c
ID ABK30214 standard; DNA; 18 BP.
XX
XX AC ABK30214;
XX
XX 23-APR-2002 (first entry)
XX
XX

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DE CYP2D6 gene polymorphism detection primer #53.
XX
XX Human; CYP2D6; primer; single nucleotide polymorphism detection; SNP; ss.
XX

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 96;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 399 CACACCTGTCTCCAGC 414
Db 16 CACCCACTGTCTCCAGC 1

RESULT 126
ABL44665
ID ABL44665 standard; DNA; 19 BP.
XX
XX AC ABL44665;
XX
XX 11-APR-2002 (first entry)
XX
XX Human chromosome 1p36-35 PCR primer SEQ ID NO:1709.
XX Human; chromosome 1p36-35; chromosome 21q22.1; genetic analysis; genome;
XX PCR primer; ss.
KW

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 601 GCGGGTGGACGTGGC 616
Db 2 GCGAGGTGGATGTGGC 17

RESULT 127
AAX84272/c
ID AAX84272 standard; DNA; 19 BP.
XX
XX AC AAX84272;
XX
XX 08-SEP-1999 (first entry)
XX
XX PCR primer for human Nck associated protein 1 coding sequence.
XX Nck associated protein 1; Nck; human; apoptosis; Alzheimer's disease;
XX therapy; PCR primer; ss.
KW

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 404 CTGCTCCAGCAGCT 419
Db 19 CCAGCTCCAGCAGCT 4

RESULT 128
ABZ76936/c
ID ABZ76936 standard; DNA; 20 BP.
XX
XX AC ABZ76936;
XX
XX 07-MAY-2003 (first entry)
XX
XX Bovine DGAT BAC-DNA sequencing primer #9.
XX Acyl CoA:diacylglycerol transferase; DGAT; enzyme; chromosome 14; bovine;
XX milk; meat marbling; low fat; polymorphic; SNP;
KW

Query Match 1.5%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;

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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 133 TGTCTGCTTTGGGGC 148
DB 18 TGTCTACTGTGGGGC 3

RESULT 129
ABZ77002/C
ID ABZ77002 standard; DNA; 20 BP.
XX
XX
AC ABZ77002;
XX
DT 07-MAY-2003 (first entry)
XX
DE Bovine DGAT PCR primer #38.
XX
KW Acyl CoA:diacylglycerol transferase; DGAT; enzyme; chromosome 14; bovine;
KW milk; meat marbling; low fat; polymorphic; SNP;

Query Match 1.5%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 133 TGTCTGCTTTGGGGC 148
DB 18 TGTCTACTGTGGGGC 3

RESULT 130
AAD47315/C
ID AAD47315 standard; DNA; 20 BP.
XX
XX
AC AAD47315;
XX
DT 24-FEB-2003 (first entry)
XX
DE Human RT-PCR reverse primer for synaptophysin DNA isolation.
XX
KW Human; insulin-secreting cell; neurogenin 3; ng3; precursor stem cell;
KW pancreatic exocrine cell; transplantation; RT-PCR; primer; ss.

Query Match 1.5%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 181 GTCACAGTGGCGGT 196
DB 16 GTCACCGTGGCGGT 1

RESULT 131
ABX76676
ID ABX76676 standard; DNA; 23 BP.
XX
XX
AC ABX76676;
XX
DT 04-APR-2003 (first entry)
XX
DE Mouse heavy chain variable region PCR primer VH3 back #1.
XX
KW Botulinum neurotoxin type A; BoNT/A; ss; PCR; primer; mouse; scFv;
KW antibody; botulism; antibacterial; single chain antibody; immunoglobulin.

Query Match 1.5%; Score 12.8; DB 1; Length 23;
Best Local Similarity 77.8%; Pred. No. 1.4e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 664 TGCAGCTGAAGTCACAG 681
DB 5 TGCAGCTGAAGSAGTCAG 22

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RESULT 132
AAT65528
ID AAT65528 standard; DNA; 27 BP.
XX
XX
AC AAT65528;
XX
DT 14-SEP-1999 (first entry)
XX
DE Oligonucleotide 109L-5' for chimeric protein construct.
XX
KW Haematopoietic protein; human; granulocyte-colony stimulating factor;
KW G-CSF; interleukin; c-mpl ligand; linker; gene therapy; aplastic anaemia;

Query Match 1.5%; Score 12.8; DB 1; Length 27;
Best Local Similarity 70.8%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
QY 201 TTCCTGGGTTCACAGCCCTCTCCA 224
DB 4 TCCATGGGAACCCAGCTTCTCTCCA 27

RESULT 133
AAT62998
ID AAT62998 standard; DNA; 27 BP.
XX
XX
AC AAT62998;
XX
DT 01-JAN-1998 (first entry)
XX
DE c-mpl receptor agonist (109-153/5L/1-108) PCR primer 109-5'.
XX
KW c-mpl ligand; thrombopoietin; receptor; agonist; cytokine; human;
KW haematopoietic cell; stem cell; thrombocytopaenia; gene therapy;

Query Match 1.5%; Score 12.8; DB 1; Length 27;
Best Local Similarity 70.8%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
QY 201 TTCCTGGGTTCACAGCCCTCTCCA 224
DB 4 TCCATGGGAACCCAGCTTCTCTCCA 27

RESULT 134
AAV55440
ID AAV55440 standard; DNA; 27 BP.
XX
XX
AC AAV55440;
XX
DT 24-NOV-1998 (first entry)
XX
DE Primer 109-5' for c-mpl ligand.
XX
KW Haematopoietic receptor agonist; human; c-mpl ligand; chimeric protein;
KW stem cell expansion; tumour; infection; autoimmune disease;

Query Match 1.5%; Score 12.8; DB 1; Length 27;
Best Local Similarity 70.8%; Pred. No. 1.8e+02;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
QY 201 TTCCTGGGTTCACAGCCCTCTCCA 224
DB 4 TCCATGGGAACCCAGCTTCTCTCCA 27

RESULT 135
ABA81571
ID ABA81571 standard; DNA; 15 BP.
XX
XX
AC ABA81571;
XX
DT 24-JAN-2002 (first entry)

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XX Human phospholipid transfer protein gene ASO probe SEQ ID NO: 20.
DE
XX Human phospholipid transfer protein; PLTP; SNP; atherosclerosis;
KW single nucleotide polymorphism; high-density lipoprotein metabolism;
Query Match 1.5%; Score 12.6; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 85;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 756 AAGGAGATGGCAG 768
DB 3 AAGGARATGGCAG 15

RESULT 136
AAS94583
ID AAS94583 standard; DNA; 15 BP.
XX
AC AAS94583;
XX
DT 14-FEB-2002 (first entry)
XX
DE Human PLTP gene allele-specific oligonucleotide probe #17.
XX Human; phospholipid transfer protein; PLTP; haplotyping; haplotype pair;
KW single nucleotide polymorphism; genotyping; gene therapy; drug screening;
Query Match 1.5%; Score 12.6; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 85;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 756 AAGGAGATGGCAG 768
DB 3 AAGGARATGGCAG 15

RESULT 137
ADD13826/c
ID ADD13826 standard; DNA; 19 BP.
XX
AC ADD13826;
XX
DT 01-JAN-2004 (first entry)
XX
DE Human vLamba PCR primer v2-6L.
XX library; transfection; humanized monoclonal antibody; antigen;
KW T cell receptor; primer; ss; PCR; vLamba.
Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 411 CAGCAGGCTCTCCGGTGC 429
DB 19 CAGCAGCCCTCCCTCCCTGC 1

RESULT 138
AAP98576/c
ID AAP98576 standard; DNA; 19 BP.
XX
AC AAP98576;
XX
DT 02-JUL-2001 (first entry)
XX
DE Human kinase marker 15 forward primer.
XX Human; ovarian cancer; identification; detection; characterisation;
KW tumour; kinase; marker; cytosstatic; antisense gene therapy; probe;
Query Match 1.5%; Score 12.6; DB 1; Length 19;
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Best Local Similarity 78.9%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 394 GCACACACACCCCTGCTCCA 412
DB 19 GCATACACAGGCTGCTGCA 1

RESULT 139
AAQ71966/c
ID AAQ71966 standard; DNA; 19 BP.
XX
AC AAQ71966;
XX
DT 25-MAR-2003 (revised)
DT 03-MAY-1995 (first entry)
XX
DE Human IL-2R gamma gene exon 7 Nantisense primer.
XX IL-2-R gamma gene; X-linked severe combined immunodeficiency; XSCID;
Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 448 CAGATGCCTTCCAGGAAGA 466
DB 19 CAACTCCTGTCAGCAGAGA 1

RESULT 140
ABK69390
ID ABK69390 standard; DNA; 20 BP.
XX
AC ABK69390;
XX
DT 15-JUL-2002 (first entry)
XX
DE Chimeric phosphorothioate oligonucleotide #142 for caspase 9 inhibition.
XX Antisense compound; caspase 9; C9; hyperproliferative disorder; stroke;
KW haematopoietic disorder; cholesterol disorder; bone metabolism disorder;
Query Match 1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 405 CTGCTCCAGCAGGCTCTCC 423
DB 2 CTGCTCCAGATGCCATCC 20

RESULT 141
AAL60755/c
ID AAL60755 standard; DNA; 20 BP.
XX
AC AAL60755;
XX
DT 03-SEP-2003 (first entry)
XX
DE Human TEM5 gene amplifying PCR primer #3.
XX Human; tumour endothelial marker 5; acute respiratory distress syndrome;
KW TEM5; congestive heart failure; polycystic kidney disease; hypertension;
Query Match 1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 633 CAGTCCCGCTCCCTCCAAC 651
DB 19 CAGAATCGCTCCCTCGAGC 1
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RESULT 142
ABZ86287/C
ID ABZ86287 standard; DNA; 20 BP.
XX
AC ABZ86287;
XX
DT 17-OCT-2003 (first entry)
XX
DE Human oligonucleotide sequence.
XX
KW Human; antisense, lung dysfunction; nasal airway dysfunction;
antifungal steroid; ubinone; antinflammatory; antiallergic;
Query Match 1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 148 CTGCAGCTCCACTTGA 166
Db 19 CTGCAGCTACATACATGA 1

RESULT 143
AAL61439
ID AAL61439 standard; DNA; 20 BP.
XX
AC AAL61439;
XX
DT 22-SEP-2003 (first entry)
XX
DE Human ATF3 antisense oligonucleotide, ISIS 185422.
XX
KW Human; activating transcription factor 3; ATF3; ischaemia; diabetes;
liver regeneration factor-1; LRF-1; antisense therapy; CRG-5; LRG-21;
Query Match 1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 409 TCCAGCAGGCTCTCCGCT 427
Db 1 TTCTGAGGCACTCCGCT 19

RESULT 144
AAV73911/C
ID AAV73911 standard; DNA; 20 BP.
XX
AC AAV73911;
XX
DT 02-MAR-1999 (first entry)
XX
DE Human HLA-A2 A*0201 allele internal control PCR primer SGHBeta2m3.
XX
KW HLA-A2; allele; A*0201; PCR primer; polymorphic loci; subtyping;
human leucocyte antigen; therapy; bone marrow transplant; vaccine;
Query Match 1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 277 GAAAGTTGTTGAACCTGT 295
Db 20 GTAAGTGTCTGAAGTTGT 2

RESULT 145
AAA60400/C
ID AAA60400 standard; DNA; 20 BP.
XX
AC AAA60400;
XX

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DT 06-OCT-2000 (first entry)
XX
DE Human telomerase antisense oligonucleotide hEST21 SEQ ID NO:1.
XX
KW Human; telomerase; antisense oligonucleotide; inhibition; hEST2;
malignant tumour; cytostatic; telomerase inhibitor; liver cancer;
Query Match 1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 626 CAGCGCTCAGTCCCGCTCC 644
Db 19 CAGCGCTCGTCTCGTCTGC 1

RESULT 146
AAS96610/C
ID AAS96610 standard; DNA; 20 BP.
XX
AC AAS96610;
XX
DT 09-APR-2002 (first entry)
XX
DE Telomerase reverse transcriptase, antisense oligonucleotide #20.
XX
KW Telomerase reverse transcriptase; TERT; cytostatic; apoptosis;
cell growth inhibitor; antisense oligonucleotide; antisense technology;
Query Match 1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 626 CAGCGCTCAGTCCCGCTCC 644
Db 19 CAGCGCTCGTCTCGTCTGC 1

RESULT 147
AAF86700/C
ID AAF86700 standard; DNA; 20 BP.
XX
AC AAF86700;
XX
DT 25-JUL-2001 (first entry)
XX
DE Human cytohesin-2 antisense oligonucleotide, SEQ ID NO:13.
XX
KW Human cytohesin-2; PSCD2; ARNO for ARF nucleotide binding site opener;
mSec7; ARF exchange factor; cytosolic adapter protein;
Query Match 1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 225 GAAGTGACGCGCTGGCTC 243
Db 19 GAGGAGCGCGCTGGCTC 1

RESULT 148
ABZ30253/C
ID ABZ30253 standard; DNA; 20 BP.
XX
AC ABZ30253;
XX
DT 30-JAN-2003 (first entry)
XX
DE Candida albicans GRACE strain PCR primer SEQ ID NO 4404.
XX
KW Fungus; yeast; tetracycline; promoter; GRACE strain; biosynthesis;
signal transduction; DNA replication; cell division; growth;

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Query Match      1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 398 ACACACCCCTGCTCCAGCAG 416
Db 20 ACATACACTGCCCGCCG 2

RESULT 149
AAH88853
ID AAH88853 standard; DNA; 21 BP.
XX AC
XX AAH88853;
XX
DT 27-FEB-2002 (first entry)
DE Human polymorphic oligonucleotide L76571 fragment #2.
KW Human; single nucleotide polymorphic; SNP; forensic science;
paternity testing; phenotypic trait; genetic mapping; animal breeding;

Query Match      1.5%; Score 12.6; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 400 ACACCCCTGCTCCAGCGC 418
Db 3 ACACAGTGCTCCAGCTCC 21

RESULT 150
AAV25604/c
ID AAV25604 standard; DNA; 21 BP.
XX AC
XX AAV25604;
XX
DT 27-AUG-2003 (revised)
DT 16-JUL-1998 (first entry)
DE Reverse primer for bovine papilloma virus E6/E7 overlapping region.
XX PCR primer; animal model; bovine papilloma virus; BPV;

Query Match      1.5%; Score 12.6; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 133 TGCTCTGCTTTGGGGCTGC 151
Db 20 TGCTCTGCTTGGAACTGC 2

RESULT 151
ABT04601
ID ABT04601 standard; DNA; 21 BP.
XX AC
XX ABT04601;
XX
DT 25-SEP-2002 (first entry)
DE Human PTGS1 gene probe SEQ ID NO: 67.
XX Human; drug metabolism; enzyme; probe; ss.

Query Match      1.5%; Score 12.6; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 248 CTTGAGGACTTACAGG 266
Db 3 CTTGAGGAGTCAAGCAT 21

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RESULT 152
ADB13446/c
ID ADB13446 standard; DNA; 21 BP.
XX AC
XX ADB13446;
XX
DT 20-NOV-2003 (first entry)
DE Human Apolipoprotein E SSAT primer StulASE3.
XX
KW Human; ss; primer; sequence specific amplification by transcription;
SSAT; RNA replicate; Apolipoprotein E; ApoE; SSP;

Query Match      1.5%; Score 12.6; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 378 GCCGTCTCTGGCGGCA 396
Db 19 GCCGTCTCTGGGTGGA 1

RESULT 153
ADD26409/c
ID ADD26409 standard; DNA; 22 BP.
XX AC
XX ADD26409;
XX
DT 15-JAN-2004 (first entry)
DE Human abl intron 1b primer 3-1.
XX conjugate; bcr; abl; fusion gene; transport mediator; cell membrane; PNA;
Philadelphia chromosome; triple helix; cytostatic;

Query Match      1.5%; Score 12.6; DB 1; Length 22;
Best Local Similarity 78.9%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 140 TTGGGGCTGCAGCTCCA 158
Db 20 TCTGGAGCTTCAGATCCA 2

RESULT 154
AAS19210
ID AAS19210 standard; DNA; 24 BP.
XX AC
XX AAS19210;
XX
DT 09-APR-2002 (first entry)
DE Human transformer 2-beta protein 29.15, RT-PCR primer #1.
XX Human; transformer 2-beta protein 29.15; gene; cytostatic; haemostatic;
virucide; immunomodulatory; antiinflammatory; malignant tumour;

Query Match      1.5%; Score 12.6; DB 1; Length 24;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 462 GAAGAGCTCCAGGAACCTTG 480
Db 6 GACGATCTCCAGGAAGATG 24

RESULT 155
ACI34633/c
ID ACI34633 standard; DNA; 25 BP.
XX AC
XX ACI34633;

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XX DT 13-OCT-2003 (first entry)  
 XX DE Human microarray DNA oligonucleotide SEQ ID NO 34624.  
 XX KW EST; ss; probe; expressed sequence tag; microarray; gene expression;  
 XX KW genetic variation; biallelic marker; polymorphism; human;  
 Query Match 1.5%; Score 12.6; DB 1; Length 25;  
 Best Local Similarity 78.9%; Pred. No. 1.9e+02;  
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 297 GTCGGGGCCCTGCATGGGA 315  
 DB 25 GTCGTGCTCCTGTATGGGA 7  
 RESULT 156  
 AAF95031  
 ID AAF95031 standard; DNA; 15 BP.  
 XX AC AAF95031;  
 XX DT 23-MAY-2001 (first entry)  
 XX DE Mutant capture oligonucleotide #24.  
 XX KW Tubercle bacillus; drug sensitivity; drug resistance; rifampicin;  
 KW streptomycin; kanamycin; isoniazid; ethambutol; rpoB gene; iis gene;  
 Query Match 1.5%; Score 12.4; DB 1; Length 15;  
 Best Local Similarity 92.9%; Pred. No. 1e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 723 CAGGAGCTGCGGTA 736  
 DB 2 CAGCAGTTCGGTA 15  
 RESULT 157  
 AAF46502  
 ID AAF46502 standard; DNA; 15 BP.  
 XX AC AAF46502;  
 XX DT 30-MAR-2001 (first entry)  
 XX DE IGFBP2 oligonucleotide #1341.  
 XX KW Antisense therapy; antiproliferative; antiinflammatory; antipsoriatic;  
 KW cytosstatic; dermatological; cardiant; virucide; ophthalmological; keloid;  
 Query Match 1.5%; Score 12.4; DB 1; Length 15;  
 Best Local Similarity 92.9%; Pred. No. 1e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 725 GGAGCTGCGGTACA 738  
 DB 2 GGAGCTGGGTACA 15  
 RESULT 158  
 AAF46504  
 ID AAF46504 standard; DNA; 15 BP.  
 XX AC AAF46504;  
 XX DT 30-MAR-2001 (first entry)  
 XX DE IGFBP2 oligonucleotide #1343.  
 XX KW Antisense therapy; antiproliferative; antiinflammatory; antipsoriatic;  
 KW cyrostatic; dermatological; cardiant; virucide; ophthalmological; keloid;

Query Match 1.5%; Score 12.4; DB 1; Length 15;  
 Best Local Similarity 92.9%; Pred. No. 1e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 726 GAGCTGCGGTACAG 739  
 DB 1 GAGCTGGGTACAG 14  
 RESULT 159  
 AAC66363/C  
 ID AAC66363 standard; DNA; 17 BP.  
 XX AC AAC66363;  
 XX DT 22-FEB-2001 (first entry)  
 XX DE PCR primer used to amplify B. pertussis S1 DNA.  
 XX KW Protection; pathogen infection; vaccination; immunisation; poliovirus;  
 KW Bordetella pertussis; respiratory syncytial virus; Mycoplasma pneumoniae;  
 Query Match 1.5%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 1.2e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 597 CGGTGCGCGGTGGA 610  
 DB 16 CGGTGCGCGGAGGA 3  
 RESULT 160  
 ABT39985/C  
 ID ABT39985 standard; DNA; 17 BP.  
 XX AC ABT39985;  
 XX DT 13-JUN-2003 (first entry)  
 XX DE Tumour suppression related human fukutin oligo SEQ ID No 5622.  
 XX KW Cytostatic; virucide; neuroprotective; nootropic; neuroleptic; gene chip;  
 KW antisense; sense; tumour; cell degeneration; cancer; Alzheimer's disease;  
 Query Match 1.5%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 1.2e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 597 CGGTGCGCGGTGGA 610  
 DB 16 CGGAGCGCGGTGGA 3  
 RESULT 161  
 ABZ64966/C  
 ID ABZ64966 standard; RNA; 17 BP.  
 XX AC ABZ64966;  
 XX DT 21-MAR-2003 (first entry)  
 XX DE Human HER2 DNzyme substrate #423.  
 XX KW Human; ribozyme; short interfering RNA; siRNA; HER2; K-Ras;  
 KW enzymatic nucleic acid; H-Ras; N-Ras; HIV; cytosstatic; anti-HIV;  
 Query Match 1.5%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 1.2e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 476 ACTTGCACTTCCTC 489  
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Db      17 ACTGGGATTCTTC 4

RESULT 162
ABN08393/c
ID ABN08393 standard; DNA; 17 BP.
XX
XX ABN08393;
AC
DT 29-MAY-2002 (first entry)
XX
DE Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8385.
XX
KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      401 CACCTGTCTCCAGC 414
Db      15 CACTCTGCTCCAGC 2

RESULT 163
ABN08394/c
ID ABN08394 standard; DNA; 17 BP.
XX
XX ABN08394;
AC
DT 29-MAY-2002 (first entry)
XX
DE Human GDMPLP-1 17-mer scanning SEQ ID NO:5 sequence SEQ ID NO:8386.
XX
KW Human; genome-derived myosin-like protein 1; GDMPLP-1; hGDMPLP-1; heart;
KW muscle; myosin; chromosome 22; gene therapy; vaccine; heart disease;

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      401 CACCTGTCTCCAGC 414
Db      14 CACTCTGCTCCAGC 1

RESULT 164
AAx57940
ID AAx57940 standard; DNA; 18 BP.
XX
XX AAx57940;
AC
DT 15-JUL-1999 (first entry)
XX
DE PCR primer for G. oxydans D-sorbitol dehydrogenase coding sequence.
DE
XX D-sorbitol dehydrogenase; L-sorbose; 2-keto-L-gulonic acid; precursor;
KW L-ascorbic acid production; PCR primer; ss.

Query Match      1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      477 CTGGCATTCTTCA 490
Db      2 CTGGCATTCTTCA 15

RESULT 165
ACD82558/c
ID ACD82558 standard; DNA; 19 BP.
XX

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AC ACD82558;
XX
DT 19-SEP-2003 (first entry)
XX
DE Nucleic acid cloning associated adaptor molecule #259.
XX
KW Adaptor molecule; nucleic acid cloning; nucleic acid ligation;
KW internal deletion mutagenesis analysis; cloning vehicle; ss.

Query Match      1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      640 GTCCTCGCAACCG 653
Db      18 GTCCTCGCAACCG 5

RESULT 166
AAA27904/c
ID AAA27904 standard; DNA; 22 BP.
XX
XX AAA27904;
AC
DT 12-SEP-2000 (first entry)
XX
DE GBF containing NEK-like kinase substrate (SGNK) PCR primer 23207.
DE
XX Human; SGNK; GBF containing NEK-like kinase; GNK substrate;
KW vascularization; vasculogenesis; blood vessel; angiogenesis;

Query Match      1.5%; Score 12.4; DB 1; Length 22;
Best Local Similarity 72.7%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Oy      740 TGTAGCCTTGCTCTTAAGGAG 761
Db      22 TGTGCCCGAGAGCTGAAGGAG 1

RESULT 167
ACC70182/c
ID ACC70182 standard; DNA; 23 BP.
XX
XX ACC70182;
AC
DT 11-AUG-2003 (first entry)
XX
DE PCR primer used for quantitative PCR of COX-1.
DE
XX Cyclooxygenase-1; COX-1; cervical carcinoma; prostaglandin E2 receptor;
KW isoform; EP1; EP2; EP3; EP4; neoplastic condition; cervix; CIN;

Query Match      1.5%; Score 12.4; DB 1; Length 23;
Best Local Similarity 72.7%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Oy      441 CTAAGCCAGATCCCTTCCAGG 462
Db      23 CTATGCTGACTCTCTTCCAGG 2

RESULT 168
AAT42353
ID AAT42353 standard; DNA; 24 BP.
XX
XX AAT42353;
AC
DT 29-JUL-1997 (first entry)
XX
DE NcoI-EcoRI MDR1 fragment PCR primer 4728A.
DE
KW Polymerase chain reaction; gene therapy; retroviral vector; tumour;

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KW haemophilia; leukaemia; ss.

Query Match 1.5%; Score 12.4; DB 1; Length 24;  
Best Local Similarity 72.7%; Pred. No. 2.1e+02;  
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 410 CCAGCAGGCTTCGGCTGCC 431  
DB 2 CAACCCAGGCGCCACCTCTGCCC 23

RESULT 169  
AAI1837/c  
ID AAX18837 standard; DNA; 26 BP.

XX AAX18837;  
DT 06-MAY-1999 (first entry)  
XX DE Mitochondrial aconitase hydroxylase (ACO2) PCR primer ACXZFA.  
XX DE Mitochondrial aconitase hydroxylase; ACO2; Parkinson's disease;  
KW diagnosis; citrate; isocitrate; citric acid cycle; PCR primer; ss.

Query Match 1.5%; Score 12.4; DB 1; Length 26;  
Best Local Similarity 72.7%; Pred. No. 2.3e+02;  
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 294 GPAGTCGGGGCCCTGCATGGGA 315  
DB 23 GGAGACAGGGCACTCTCGGGA 2

RESULT 170  
AAV97865/c  
ID AAV97865 standard; RNA; 17 BP.

XX AAV97865;  
DT 17-MAR-1999 (first entry)  
XX DE Human EGF-R target sequence nucleotide position 4842.  
KW Human; epidermal growth factor receptor; EGFR; EGF-R; target sequence;  
KW hammerhead ribozyme; hairpin ribozyme; inhibition; cell proliferation;

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGGCAGA 769  
DB 17 CTAAGGAGATTTCAGA 1

RESULT 171  
ABL46758/c  
ID ABL46758 standard; RNA; 17 BP.

XX ABL46758;  
DT 27-JUN-2003 (first entry)  
XX DE Human GRID NCH ribozyme substrate oligonucleotide #212.  
XX DE Human; Grb2-related with Insert Domain; GRID; T-cell;  
KW co-stimulatory adaptor protein; tissue rejection; graft rejection;

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 132 ATGTCTGCTTTGGGGC 148

DB 17 ATCGTGTGTGGGGC 1

RESULT 172  
ABK18358  
ID ABK18358 standard; RNA; 17 BP.

XX ABK18358;  
DT 09-APR-2002 (first entry)

XX Human ERG hammerhead ribozyme target sequence, Seq ID No 1005.  
XX Human; hammerhead ribozyme; cytosolic; antitumour; antidiabetic;  
KW ophthalmological; antiarthritic; antipsoriatic; virucide; osteopathic;

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 1.4e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 550 CTGTAGCCCAACAGCAG 566  
DB 1 CUGUGGCCCAACACAG 17

RESULT 173  
ABZ64935  
ID ABZ64935 standard; RNA; 17 BP.

XX ABZ64935;  
DT 21-MAR-2003 (first entry)  
XX DE Human HER2 DNzyme substrate #392.  
XX Human; ribozyme; short interfering RNA; siRNA; HER2; K-Ras;  
KW enzymatic nucleic acid; H-Ras; N-Ras; HIV; cytosolic; anti-HIV;

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTGAGAGA 370  
DB 1 GCCAACCGCCAGAGA 17

RESULT 174  
ABK03627/c  
ID ABK03627 standard; RNA; 17 BP.

XX ABK03627;  
DT 12-MAR-2002 (first entry)

XX Human CD20 DNzyme #81.  
XX Human; ss; antisense therapy; cytosolic; antiinflammatory; haemostatic;  
KW cerebroprotective; neurotropic; neuroprotective; antiparkinsonian;

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 TCAGAAAGTTGTGAAA 290  
DB 17 TAAGAAAGTTGTCAAA 1

RESULT 175  
ABL31073  
ID ABL31073 standard; DNA; 17 BP.

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XX ABL31073;
AC
XX 21-MAR-2002 (first entry)
DT
XX
XX Human HLA genotyping oligonucleotide SEQ ID NO 562.
DE
XX Human; human leukocyte antigen; HLA; genotype; polymorphism;
KW immunogenetic; transplation; genetic disease; ss.
KW
Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 640 GCTCCCTGCAACCGAGT 656
Db 1 GCTGCTGCGCGGAGT 17

RESULT 176
ACA06326
ID ACA06326 standard; RNA; 17 BP.
XX
XX ACA06326;
AC
XX 03-JUN-2003 (first entry)
DT
XX NFkB sub-unit modulating inozyme substrate #145.
DE
XX Enzymatic nucleic acid; nuclear factor kappa B; NFkB; inozyme; zinzyme;
KW G-cleaver; amberyne; cancer; REL-A activity; breast cancer; human;
KW
Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 84.7%; Pred. No. 1.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 418 CTCTCCGGTGGCCCT 434
Db 1 CCCUCCGCGCGGCU 17

RESULT 177
ADB43074/c
ID ADB43074 standard; DNA; 17 BP.
XX
XX ADB43074;
AC
XX 18-DEC-2003 (revised)
DT
XX 04-DEC-2003 (first entry)
DE
XX Tumour suppression/reversion associated nucleotide #3397.
KW
XX cytostatic; antiviral; neuroprotective; nootropic; neuroleptic; ss;

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 755 TAAGGATGCGGAGAC 771
Db 17 TAAGGATGCGGAGATC 1

RESULT 178
ABK85826/c
ID ABK85826 standard; DNA; 18 BP.
XX
XX ABK85826;
AC
XX 24-SEP-2002 (first entry)
DT
XX Myotonic dystrophy protein kinase (DMPK) isoform, primer 57.
DE
XX

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KW Myotonic dystrophy; DM; protein kinase; DMPK; myocardial infarction;
KW muscle damage; dysfunction; reverse transcriptase PCR; RT-PCR; primer;

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 415 AGGCTCTCCGGTGGCC 431
Db 17 AGGCTCTCATCTGCCC 1

RESULT 179
AAZ70371
ID AAZ70371 standard; DNA; 18 BP.
XX
XX AAZ70371;
AC
XX 10-SEP-2001 (first entry)
DT
XX Human biallelic marker upstream amplification primer SEQ ID NO:4727.
DE
XX Human genome; biallelic marker; high density disequilibrium map;
KW genomic map; haplotype; phenotype; polymorphic base; genotyping;
KW
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 772 TGGAGAAGAAGTGTGAG 788
Db 2 TGGAGAAGAGTTTGTG 18

RESULT 180
AAI66785/c
ID AAI66785 standard; DNA; 18 BP.
XX
XX AAI66785;
AC
XX 07-JAN-2002 (first entry)
DT
XX PPAR-gamma mRNA amplifying RT-PCR primer R.
DE
XX Adipocyte; hedgehog polypeptide; desert hedgehog; indian hedgehog; DhH;
KW Ihh; sonic hedgehog; Shh; therapeutic; cytostatic; primer; RT-PCR; ss.
KW
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 142 TGGGGGCTGCAGTCCA 158
Db 17 TGGAGCTGCATCTCCA 1

RESULT 181
ABL30619
ID ABL30619 standard; DNA; 18 BP.
XX
XX ABL30619;
AC
XX 21-MAR-2002 (first entry)
DT
XX Human HLA genotyping oligonucleotide SEQ ID NO 108.
DE
XX Human; human leukocyte antigen; HLA; genotype; polymorphism;
KW immunogenetic; transplation; genetic disease; ss.
KW
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      640 GCTCCTGCAACCGAGT 656
AC      ||| ||| ||| ||| |||
DB      1 GCTGCTGCGCCGAGT 17

RESULT 182
AAC60640
ID      AAC60640 standard; DNA; 18 BP.
XX
AC      AAC60640;
XX
DT      01-FEB-2001 (first entry)
XX
DE      Human PDK-1 antisense oligonucleotide ISIS #29472.
XX
KW      Human; PDK-1; 3-phosphoinositide dependent protein kinase-1;
        antisense oligonucleotide; phosphorothioate; antiinflammatory;
        Query Match      1.5%; Score 12.2; DB 1; Length 18;
        Best Local Similarity 82.4%; Pred. No. 1.6e+02;
        Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      325 GAGAGCTGTGGAGCA 341
AC      ||| ||| ||| ||| |||
DB      2 GAGCAGCTCTGGAGAA 18

RESULT 183
ABL30643/c
ID      ABL30643 standard; DNA; 18 BP.
XX
AC      ABL30643;
XX
DT      21-MAR-2002 (first entry)
XX
DE      Human HLA genotyping oligonucleotide SEQ ID NO 132.
XX
KW      Human; human leukocyte antigen; HLA; genotype; polymorphism;
        immunogenetic; transplantation; genetic disease; ss.
        Query Match      1.5%; Score 12.2; DB 1; Length 18;
        Best Local Similarity 82.4%; Pred. No. 1.6e+02;
        Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      587 TCTGCACACCCCTTCA 703
AC      ||| ||| ||| ||| |||
DB      17 TCTGCACACCCGTGCCA 1

RESULT 184
AAT96652
ID      AAT96652 standard; cDNA; 19 BP.
XX
AC      AAT96652;
XX
DT      25-MAR-2003 (revised)
XX
DE      27-APR-1998 (first entry)
XX
KW      Mouse tub gene primer 2.61P.
        Query Match      1.5%; Score 12.2; DB 1; Length 19;
        Best Local Similarity 82.4%; Pred. No. 1.7e+02;
        Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      560 CTCATGACGTGAAGCT 676
AC      ||| ||| ||| ||| |||
DB      3 CTGAGGCAGCAGAGCT 19

RESULT 185
AAA94645
ID      AAA94645 standard; DNA; 19 BP.
AC      AAA94645;
XX
DT      15-JAN-2001 (first entry)
XX
DE      Mouse tub gene PCR primer 2.61P.
XX
KW      Mouse; TULP; neurosensory defect; retina; retinal dystrophy; PCR primer;
        TUB; ss.
        Query Match      1.5%; Score 12.2; DB 1; Length 19;
        Best Local Similarity 82.4%; Pred. No. 1.7e+02;
        Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      660 CTCATGACGTGAAGCT 676
AC      ||| ||| ||| ||| |||
DB      3 CTGAGGCAGCAGAGCT 19

RESULT 186
AAV51979
ID      AAV51979 standard; DNA; 19 BP.
XX
AC      AAV51979;
XX
DT      02-FEB-1999 (first entry)
XX
DE      Zea mays genome reverse PCR primer #275.
XX
KW      Polymorphic marker; allele-specific; probe; amplification; PCR primer;
        hybridisation; plant; hybrid certification; genetic contribution;
        Query Match      1.5%; Score 12.2; DB 1; Length 19;
        Best Local Similarity 82.4%; Pred. No. 1.7e+02;
        Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      386 GCTGGCGGGCACACACA 402
AC      ||| ||| ||| ||| |||
DB      2 GCAGGCAGGCAGGCACA 18

RESULT 187
AAV51978
ID      AAV51978 standard; DNA; 19 BP.
XX
AC      AAV51978;
XX
DT      02-FEB-1999 (first entry)
XX
DE      Zea mays genome reverse PCR primer #274.
XX
KW      Polymorphic marker; allele-specific; probe; amplification; PCR primer;
        hybridisation; plant; hybrid certification; genetic contribution;
        Query Match      1.5%; Score 12.2; DB 1; Length 19;
        Best Local Similarity 82.4%; Pred. No. 1.7e+02;
        Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      386 GCTGGCGGGCACACACA 402
AC      ||| ||| ||| ||| |||
DB      2 GCAGGCAGGCAGGCACA 18

RESULT 188
AAA23478
ID      AAA23478 standard; DNA; 19 BP.
XX
AC      AAA23478;
XX
DT      19-JUN-2000 (first entry)
XX
DE      Clone vc46_1 hybridisation probe, SEQ ID NO:96.

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XX Human; secreted protein; cancer; tumour; cardiovascular disorder;
KW blood disorder; haemophilia; autoimmune disease; diabetes; inflammation;

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 782 GTGTGAGCGCAAACTGC 798
DB 2 GTGAGACACAGACTGC 18

RESULT 189
AAH84760
ID AAA84760 standard; DNA; 19 BP.
XX
AC AAA84760;
XX
DT 04-DEC-2000 (first entry)
XX
DE Cyclin F ribozyme binding site #28.
XX
KW Ribozyme; hairpin; hammerhead; gene therapy; vasotropic; restenosis; ss.

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 714 GCCAAATTCAGGAGCT 730
DB 3 GCCAGCTTCAGGAGCT 19

RESULT 190
AAH59922
ID AAH59922 standard; DNA; 19 BP.
XX
AC AAH59922;
XX
DT 10-SEP-2001 (first entry)
XX
DE Cyclin F ribozyme binding site SEQ ID NO:2346.
XX
KW Human; ribozyme therapy; hairpin ribozyme; hammerhead ribozyme;
KW recognition site; target; ribozyme binding site; eye disease; vulneryary;

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 714 GCCAAATTCAGGAGCT 730
DB 3 GCCAGCTTCAGGAGCT 19

RESULT 191
AAI65909/c
ID AAI65909 standard; DNA; 19 BP.
XX
AC AAI65909;
XX
DT 03-JAN-2002 (first entry)
XX
DE Nucleotide sequence of a synthetic PCR primer.
XX
KW Vaccine; Sendai virus vector; viral protein; immunodeficiency virus;
KW AIDS; antigen gene; nasal mucosa; lymph node; PCR primer; ss.

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 268 GCACCTTCAGAAAGTTG 284
DB 19 GCACCTTCAGAAAGTTG 3

RESULT 192
AAZ74983/c
ID AAZ74983 standard; DNA; 19 BP.
XX
AC AAZ74983;
XX
DT 10-SEP-2001 (first entry)
XX
DE Human biallelic marker downstream amplification primer SEQ ID NO:9339.
XX
KW Human genome; biallelic marker; high density disequilibrium map;
KW genomic map; haplotype; phenotype; polymorphic base; genotyping;

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 758 GGAGATGGCAGAACTGG 774
DB 19 GGAGGAGGCAGAAATGG 3

RESULT 193
ABZ92486/c
ID ABZ92486 standard; DNA; 20 BP.
XX
AC ABZ92486;
XX
DT 17-OCT-2003 (first entry)
XX
DE Human oligonucleotide sequence.
XX
KW Human; antisense; lung dysfunction; nasal airway dysfunction;
KW antiinflammatory steroid; ubiqunone; antiinflammatory; antiallergic;

Query Match      1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 399 CACACCCCTGCTCCAGCA 415
DB 17 CTCACCTGCTGTCAGCA 1

RESULT 194
AAZ29304
ID AAZ29304 standard; DNA; 20 BP.
XX
AC AAZ29304;
XX
DT 10-JUN-1999 (first entry)
XX
DE JNK1-specific probe ISIS No: 11981.
XX
KW Antisense oligonucleotide; Jun N-terminal kinase; JNK; hybridise; JNK1;
KW JNK2; JNK3; cell cycle progression; phosphorylation; tumour; probe;

Query Match      1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 750 GTCCTTAGGAGATGGC 766
DB 3 GTGCTAAAGGAGAGGGC 19

RESULT 195
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AAC62847
ID AAC62847 standard; DNA; 20 BP.
XX
AC AAC62847;
XX
DT 06-FEB-2001 (first entry)
XX
DE JNK antisense oligonucleotide ISIS #11981.
XX
KW Antisense; gene therapy; JNK2 protein; apoptosis; cancer;
KW cellular hyperproliferation; Alzheimer's; Parkinson's disease;
XX
Query Match 1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 750 GTCCTTAAGGAGATGCC 766
Db 3 GTGCTAAGGAGAGGGC 19

RESULT 196
AAD34888
ID AAD34888 standard; DNA; 20 BP.
XX
AC AAD34888;
XX
DT 16-JUL-2002 (first entry)
XX
DE Human E2F transcription factor 2 antisense oligo, ISIS #114085.
XX
KW Human; E2F transcription factor 2; hyperproliferative disorder; cancer;
KW developmental disorder; antisense; therapy; phosphorothioate backbone;
XX
Query Match 1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CGTCCTGCTGGCGGCA 396
Db 1 CGGCCTGCCGCGAGCA 17

RESULT 197
ABZ88160
ID ABZ88160 standard; DNA; 20 BP.
XX
AC ABZ88160;
XX
DT 17-OCT-2003 (first entry)
XX
DE Human oligonucleotide sequence.
XX
KW Human; antisense; lung dysfunction; nasal airway dysfunction;
KW antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;
XX
Query Match 1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 171 CCCGCTGACAGTCACAG 187
Db 4 CCGGAGACAGTCACAG 20

RESULT 198
ABZ93498
ID ABZ93498 standard; DNA; 20 BP.
XX
AC ABZ93498;
XX
DT 17-OCT-2003 (first entry)
XX
KW Human oligonucleotide sequence.
XX
Query Match 1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 750 GTCCTTAAGGAGATGCC 766
Db 3 GTGCTAAGGAGAGGGC 19

RESULT 199
ADA26551
ID ADA26551 standard; DNA; 20 BP.
XX
AC ADA26551;
XX
DT 20-NOV-2003 (first entry)
XX
DE Human Jun N-terminal kinase, JNK1, antisense oligonucleotide ISIS11981.
XX
KW ss; human; Jun N-terminal kinase; JNK1; JNK2; JNK3; antisense;
KW cytostatic; antiinflammatory; apoptosis; prostate cancer;
XX
Query Match 1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 763 TGGCAGAACTGGAGAAG 779
Db 4 TGGCAGCTCTAGAGAAG 20

RESULT 200
ABI93694
ID ABI93694 standard; DNA; 20 BP.
XX
AC ABI93694;
XX
DT 16-FEB-2002 (first entry)
XX
DE Capture oligonucleotide Zip ID#781 oligo #9.
XX
KW Human; K-ras; PCR primer; probe; capture probe; mutation detection;
KW ligase detection reaction; LDR; p53; BRCA1; BRCA2; infectious disease;
XX
Query Match 1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 796 TGCAGGACTGACTGAAC 812
Db 2 TGCAGGACTGTCGAAAC 18

RESULT 201
AAQ82065/c
ID AAQ82065 standard; DNA; 20 BP.
XX
AC AAQ82065;
XX
DT 25-MAR-2003 (revised)
DT 30-AUG-1995 (first entry)
XX
DE Chromosome 11 (locus D11S1017) STS primer cSRL-1c8-ta.
KW sequence sampled mapping; genomic analysis; complex genome mapping;
XX
Query Match 1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;

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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 252 AAGGACTTAGACAGGAG 268
DB 20 ATGGACCAAGACAGGAG 4

RESULT 202
AAC60313
ID AAC60313 standard; DNA; 20 BP.
XX AC AAC60313;
XX DT 14-FEB-2001 (first entry)
XX DE Primer #15 used to sequence clones forming part of VR-L receptor.
XX KW VR-L; vanilloid receptor-like receptor; pain; infection; allergy;
XX mechanical injury; lymphoid tissue; human; ds.

Query Match 1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 797 GCAGGACTGACTGAACC 813
DB 1 GCTGGGCTGGCTGAACC 17

RESULT 203
AAK06729
ID AAK06729 standard; DNA; 20 BP.
XX AC AAK06729;
XX DT 26-APR-1999 (first entry)
XX DE Human JAGGED1 gene intron 16-exon 17 boundary.
XX KW JAGGED; JAGGED1; hJAGGED1; human; notch ligand; stem cell;
XX progenitor cell; haematopoiesis; cell differentiation; Alagille syndrome;

Query Match 1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 168 CATCCCGCTGACAGTCA 184
DB 4 CCTCCAGGTGACAGTCA 20

RESULT 204
ABN89238
ID ABN89238 standard; DNA; 20 BP.
XX AC ABN89238;
XX DT 29-AUG-2002 (first entry)
XX DE Human Talin antisense phosphorothioate oligonucleotide SEQ ID NO:51.
XX KW Human; Talin; antimicrobial; antiinflammatory; cytostatic; inhibitor;
XX antisense gene therapy; infection; inflammation; talin inhibitor; tumour;

Query Match 1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 387 CTGGCGGCGACACAC 403
DB 2 CTGGAGGCGACACAC 18
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```
RESULT 205
AAQ52082
ID AAQ52082 standard; RNA; 21 BP.
XX AC AAQ52082;
XX DT 25-MAR-2003 (revised)
XX DE 26-MAY-1994 (first entry)
XX DE Breast cancer specific mRNA ribozyme cleavable nucleotide (1662).
XX KW Multiple drug resistance; mdr-1; ribozyme; membrane protein; liver;

Query Match 1.5%; Score 12.2; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 354 GCCAACCTGTCAGAGA 370
DB 2 GCCAACCGGCCAGAGA 18

RESULT 206
AAF97333/c
ID AAF97333 standard; DNA; 21 BP.
XX AC AAF97333;
XX DT 06-JUN-2001 (first entry)
XX DE Human gene single nucleotide polymorphism #2094.
XX KW Human; variant thrombospondin 1; variant thrombospondin 4; SNP;
XX polymorphism; vascular disease; coronary artery disease; forensics;

Query Match 1.5%; Score 12.2; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 405 CTGCTCCAGCAGGCTCT 421
DB 21 CTCTCCAGCGCGCCCT 5

RESULT 207
AAF95855/c
ID AAF95855 standard; DNA; 21 BP.
XX AC AAF95855;
XX DT 06-JUN-2001 (first entry)
XX DE Human gene single nucleotide polymorphism #616.
XX KW Human; variant thrombospondin 1; variant thrombospondin 4; SNP;
XX polymorphism; vascular disease; coronary artery disease; forensics;

Query Match 1.5%; Score 12.2; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 407 GCTCCAGCAGGCTCTCC 423
DB 17 GCTCCAGAGGGCCCTCC 1

RESULT 208
AAH22986/c
ID AAH22986 standard; DNA; 21 BP.
XX AC AAH22986;
XX DT 17-SEP-2001 (first entry)
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XX VEGF expression inhibiting antisense oligo.
DE
XX Vascular endothelial growth factor; VEGF; antisense; angiogenesis;
KW cell proliferation; Kaposi's sarcoma; cancer; melanoma; cytostatic;
KW

Query Match      1.5%; Score 12.2; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 135 TCTGCTTTGGGGGCTGC 151
DB 17 TCCGATGTGGGGCTGC 1

RESULT 209
ADC04108/c
ID ADC04108 standard; DNA; 17 BP.
XX
AC ADC04108;
DT 18-DEC-2003 (first entry)
XX Human Na/H exchanger-like protein 1 gene oligonucleotide #555.
DE
XX ss; gene therapy; vaccine; sodium/hydrogen exchanger like protein;
KW NHEP1; passive replacement therapy; vaccine; diagnosis.
XX

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768
DB 15 AGGAGATGGCAG 4

RESULT 210
ADC04106/c
ID ADC04106 standard; DNA; 17 BP.
XX
AC ADC04106;
DT 18-DEC-2003 (first entry)
XX Human Na/H exchanger-like protein 1 gene oligonucleotide #553.
DE
XX ss; gene therapy; vaccine; sodium/hydrogen exchanger like protein;
KW NHEP1; passive replacement therapy; vaccine; diagnosis.
XX

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768
DB 17 AGGAGATGGCAG 6

RESULT 211
ADC04107/c
ID ADC04107 standard; DNA; 17 BP.
XX
AC ADC04107;
DT 18-DEC-2003 (first entry)
XX Human Na/H exchanger-like protein 1 gene oligonucleotide #554.
DE
XX ss; gene therapy; vaccine; sodium/hydrogen exchanger like protein;
KW NHEP1; passive replacement therapy; vaccine; diagnosis.
XX

Query Match      1.4%; Score 12; DB 1; Length 17;

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```

Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768
DB 16 AGGAGATGGCAG 5

RESULT 212
ADC04109/c
ID ADC04109 standard; DNA; 17 BP.
XX
AC ADC04109;
DT 18-DEC-2003 (first entry)
XX Human Na/H exchanger-like protein 1 gene oligonucleotide #556.
DE
XX ss; gene therapy; vaccine; sodium/hydrogen exchanger like protein;
KW NHEP1; passive replacement therapy; vaccine; diagnosis.
XX

Query Match      1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768
DB 14 AGGAGATGGCAG 3

Search completed: July 29, 2004, 16:21:11
Job time : 15 secs

```

GenCore version 5.1.6

model

July 29, 2004, 16:40:56 ; Search time 1 Seconds  
(without alignments)

US-09-904-568-1

IDENTITY NUC

Gapop 10.0 , Gapext 0.5

336 segs. 609 residues

hits satisfying chosen parameters.

```
length: 8
length: 50
```

Minimum Match 0%

Minimum Match 0%  
Maximum Match 100%  
Listing first 1 summaries

rest3dib: \*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	Query					Description
No.	Score	Match	Length	ID		
1	13.4	1.6	19	1	A585820	ACCESSION: A585820

## ALIGNMENTS

RESULT 1	AZ585820	19 bp	DNA	linear	GSS 13-DEC-2000
LOCUS	AZ585820				
DEFINITION	lmo391i115f Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0391i115 F, genomic survey sequence.				
ACCESSION	AZ585820				
VERSION	AZ585820.1	GI:11708010			
KEYWORDS	GSS.				
SOURCE	Mus musculus (house mouse)				
ORGANISM	Mus musculus				
	Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.				

```
Query Match      1.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 0.05;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 818 TACTGTGGGTGCTGA 832  
          |||||  
Db 1 TACTGTGGGGGCTGA 15

Search completed: July 29, 2004, 16:40:57  
Job time : 1 secs

**This Page Blank (uspto)**

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: July 29, 2004, 16:37:53 ; Search time 10 seconds  
(without alignments)

3.754 Million cell updates/sec

Title: US-09-904-568-1

Perfect score: 835

Sequence: 1 atgtctgcttggggctgc.....gagtcacagctggcaggg 835

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 1261 seqs, 22479 residues

Total number of hits satisfying chosen parameters: 2522

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 241 summaries

Database : rni3db:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	16.2	1.9	29	1	US-08-297-395-45
C 2	15.2	1.8	21	1	US-09-667-135-7
C 3	14.2	1.7	20	1	US-09-332-624-19
C 4	14.2	1.7	20	1	US-08-050-743-6
C 5	14.2	1.7	20	1	US-08-474-542A-11
C 6	14.2	1.7	20	1	US-08-457-648-11
C 7	14.2	1.7	20	1	US-08-452-055-6
C 8	14.2	1.7	21	1	US-08-680-326-140
C 9	14.2	1.7	21	1	US-08-804-439A-89
C 10	14.2	1.7	21	1	US-08-720-229-89
C 11	14	1.7	24	1	US-08-809-185-7
C 12	14	1.7	24	1	US-09-363-708-8
C 13	14	1.7	24	1	US-09-083-587-8
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c 115	12	1.4	22	1	US-08-087-772A-13	Sequence 13, Appl	c 188	11.4	1.4	17	1	US-08-050-073-159	Sequence 159, App
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c 143	11.6	1.4	18	1	US-09-165-543-24	Sequence 24, Appl	c 216	11.4	1.4	22	1	US-09-424-785-1	Sequence 1, Appli
c 144	11.6	1.4	19	1	US-09-508-824-6	Sequence 6, Appli	c 217	11.2	1.3	16	1	US-09-364-539-10	Sequence 10, Appl
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## ALIGNMENTS

RESULT 1  
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 ; Sequence 45, Application US/08297395A  
 ; Patent No. 6039947  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Howard L. Weiner



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; APPLICANT: David A. Hafler
; TITLE OF INVENTION: PEPTIDES DERIVED FROM IMMUNODOMINANT
; TITLE OF INVENTION: EPITOPES OF MYELIN BASIC PROTEIN
; FILE REFERENCE: 1010/05723US3
; CURRENT APPLICATION NUMBER: US/08/297,395A
; CURRENT FILING DATE: 1994-08-11

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Matches 21; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

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; Sequence 7, Application US/09667135
; Patent No. 6521749
; GENERAL INFORMATION:
; APPLICANT: Vincent Ling
; APPLICANT: Kyriaki Dunussi-Joannopoulos
; TITLE OF INVENTION: NOVEL GL50 MOLECULES AND USES THEREFOR
; FILE REFERENCE: GNN-007
; CURRENT APPLICATION NUMBER: US/09/667,135
; CURRENT FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 38

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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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RESULT 3
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; Sequence 19, Application US/09322624
; Patent No. 6548734
; GENERAL INFORMATION:
; APPLICANT: Glimcher, L et al.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO MODULATION OF
; TITLE OF INVENTION: CARTILAGE GROWTH BY MODULATION OF NPATP ACTIVITY
; FILE REFERENCE: HUI-035CP
; CURRENT APPLICATION NUMBER: US/09/322,624
; CURRENT FILING DATE: 1999-05-28
; EARLIER APPLICATION NUMBER: USSN 09/087,139

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 16;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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RESULT 4
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; Sequence 6, Application US/08050743
; Patent No. 5447839
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Manos, Michele
; APPLICANT: Resnick, Robert M.
; APPLICANT: Ting, Yi
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 16;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imbraim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 16;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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RESULT 6
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; Sequence 11, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imbraim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 16;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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RESULT 7
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; Sequence 6, Application US/08452055
; Patent No. 5705627
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Manos, Michele
; APPLICANT: Resnick, Robert M.
; APPLICANT: Ting, Yi
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction

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Best Local Similarity 84.2%; Pred. No. 16;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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RESULT 8
US-08-680-326-140/c
; Sequence 140, Application US/08680326
; Patent No. 5925733
; GENERAL INFORMATION:
; APPLICANT: ROSE, TIMOTHY M.
; APPLICANT: BOSCH, MARNIX
; APPLICANT: STRAND, KURT
; APPLICANT: TODARO, GEORGE J.
; TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
; TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
; TITLE OF INVENTION: FIBROMATOSIS
Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 17;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 404 CTGTCTCCAGCAGGCTCTC 422
Db 19 CGTCTCCAGCAGGCGCTC 1

RESULT 9
US-08-804-439A-89/c
; Sequence 89, Application US/08804439A
; Patent No. 6015565
; GENERAL INFORMATION:
; APPLICANT: Rose, Timothy M.
; APPLICANT: Bosch, Marnix L.
; APPLICANT: Strand, Kurt
; TITLE OF INVENTION: GLYCOPROTEIN B OF THE RFHV/KSHV
; TITLE OF INVENTION: SUBFAMILY OF HERPES VIRUSES
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 17;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 404 CTGTCTCCAGCAGGCTCTC 422
Db 19 CGTCTCCAGCAGGCGCTC 1

RESULT 10
US-08-720-229-89/c
; Sequence 89, Application US/08720229
; Patent No. 6022542
; GENERAL INFORMATION:
; APPLICANT: Rose, Timothy M.
; APPLICANT: Bosch, Marnix L.
; APPLICANT: Strand, Kurt
; TITLE OF INVENTION: GLYCOPROTEIN B OF THE RFHV/KSHV
; TITLE OF INVENTION: SUBFAMILY OF HERPES VIRUSES
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 17;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 404 CTGTCTCCAGCAGGCTCTC 422
Db 19 CGTCTCCAGCAGGCGCTC 1

RESULT 11
US-08-809-185-7/c
; Sequence 7, Application US/08809185
; Patent No. 5922573
; GENERAL INFORMATION:

```

```

; APPLICANT:
; TITLE OF INVENTION: IL-1 receptor antagonists with increased
; TITLE OF INVENTION: inhibitory activity
; NUMBER OF SEQUENCES: 8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
Query Match 1.7%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 26;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 782 GTGTGAGCGCAAACTGCAGGAC 803
Db 22 GAGCGAGCGCAGAAAGCAGGAC 1

RESULT 12
US-09-363-708-8/c
; Sequence 8, Application US/09363708
; Patent No. 6399747
; GENERAL INFORMATION:
; APPLICANT: Schmandt, et al.
; TITLE OF INVENTION: NOVEL SHC BINDING PROTEIN
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 233 South Wacker Drive/6300 Sears Tower
; CITY: Chicago
Query Match 1.7%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 26;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 757 AGGAGATGGCAGAACTGGAGAA 778
Db 24 AGGAGCTGGCGTCTCTGGAGAA 3

RESULT 13
US-09-083-587-8/c
; Sequence 8, Application US/09083587
; Patent No. 6492138
; GENERAL INFORMATION:
; APPLICANT: Schmandt, et al.
; TITLE OF INVENTION: NOVEL SHC BINDING PROTEIN
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 233 South Wacker Drive/6300 Sears Tower
; CITY: Chicago
Query Match 1.7%; Score 14; DB 1; Length 24;
Best Local Similarity 77.3%; Pred. No. 26;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 757 AGGAGATGGCAGAACTGGAGAA 778
Db 24 AGGAGCTGGCGTCTCTGGAGAA 3

RESULT 14
US-09-866-108A-8382/c
; Sequence 8382, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

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```
Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 402 ACCTGCTCCAGCAGGC 418
Db 17 ACTGCTCCAGCTGGC 1

RESULT 15
US-09-866-108A-8383/c
; Sequence 8383, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 401 CACCTGCTCCAGCAGG 417
Db 17 CACTGCTCCAGCTGG 1

RESULT 16
US-09-866-108A-8381/c
; Sequence 8381, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 403 CCTGCTCCAGCAGGCT 419
Db 17 CTGCTCCAGCTGGCT 1

RESULT 17
US-09-866-108A-8379/c
; Sequence 8379, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCAGGCTCT 421
Db 17 CTGCTCCAGCTGGCT 1
```

```
Db 17 CTGCTCCAGCTGGCTGT 1

RESULT 18
US-09-021-701-111
; Sequence 111, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 133 TGTCTGCTTTGGGGCT 149
Db 1 TGTCTGCTTTGGGGAT 17

RESULT 19
US-08-679-645-147
; Sequence 147, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 17;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 776 GAAGAAGTGTGAGCGCA 792
Db 1 GAAGAAGUUCGAGCGCA 17

RESULT 20
US-08-837-201C-99/c
; Sequence 99, Application US/08837201C
; Patent No. 5985558
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia, Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 86.2%; Pred. No. 22;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 615 GCCATCTCAACCAGCGC 631
Db 18 GCCATCTCACCAGGCC 2

RESULT 21
US-09-364-416-99/c
; Sequence 99, Application US/09364416
; Patent No. 6312900
```

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;
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia, Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
;
; Query Match 1.6%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 22;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 615 GCCATCTCAACACGCGC 631
; Db 18 GCCATCTCAACACGCC 2
;
; RESULT 22
; US-09-792-594-55/c
; Sequence 55, Application US/09792594
; Patent No. 6436706
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION
; FILE REFERENCE: RTS-0209
; CURRENT APPLICATION NUMBER: US/09/792,594
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 89
;
; Query Match 1.6%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 27;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 509 GCCCAGTTTGGCATTGGGA 528
; Db 20 GCCCAGGTGGCCCTTGGGA 1
;
; RESULT 23
; US-09-866-108A-8380/c
; Sequence 8380, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
;
; Query Match 1.6%; Score 13.4; DB 1; Length 17;
; Best Local Similarity 93.3%; Pred. No. 24;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 405 CTGCTCCAGCAGGCT 419
; Db 16 CTGCTCCAGCTGGCT 2
;
; RESULT 24
; US-09-021-701-109
; Sequence 109, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
;
; Query Match 1.6%; Score 13.4; DB 1; Length 17;
; Best Local Similarity 93.3%; Pred. No. 24;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 142 TGGGGGCTGCAGCTC 156
; Db 15 TGGGGGCTGCAGGTC 1
;
; RESULT 25
; US-09-021-701-110
; Sequence 110, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
;
; Query Match 1.6%; Score 13.4; DB 1; Length 17;
; Best Local Similarity 93.3%; Pred. No. 24;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 133 TGTCTGCTTTGGGG 147
; Db 3 TGTCTGCTTTGGGG 17
;
; RESULT 26
; US-09-474-432B-835/c
; Sequence 835, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
;
; Query Match 1.6%; Score 13.4; DB 1; Length 17;
; Best Local Similarity 93.3%; Pred. No. 24;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 142 TGGGGGCTGCAGCTC 156
; Db 15 TGGGGGCTGCAGGTC 1
;
; RESULT 27
; US-09-476-387-834/c
; Sequence 834, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
;
; Query Match 1.6%; Score 13.4; DB 1; Length 17;
; Best Local Similarity 93.3%; Pred. No. 24;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 142 TGGGGGCTGCAGCTC 156
; Db 15 TGGGGGCTGCAGGTC 1
```

```

Db      15 TGGGGGCTGCAGGTC 1
|||||
Query Match      1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 24;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      768 GAAGCTGGAGAGAAG 782
|||||
Db      3 GAGCTGGAGAGAAG 17
|||||

RESULT 29
US-09-866-108A-7669
; Sequence 7669, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 24;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      768 GAAGCTGGAGAGAAG 782
|||||
Db      3 GAGCTGGAGAGAAG 17
|||||

RESULT 30
US-09-866-108A-7670
; Sequence 7670, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 24;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      768 GAAGCTGGAGAGAAG 782
|||||
Db      2 GAGCTGGAGAGAAG 16
|||||

RESULT 31
US-08-748-073-3/c
; Sequence 3, Application US/08748073
; Patent No. 6204008
; GENERAL INFORMATION:
; APPLICANT: Borneman, W. Scott
; APPLICANT: Goyal, Anil
; APPLICANT: Conder, Michael J.
; APPLICANT: Vinci, Victor A.
; TITLE OF INVENTION: BIOPROCESS FOR PRODUCTION OF DIPEPTIDE
; TITLE OF INVENTION: BASED COMPOUNDS
; NUMBER OF SEQUENCES: 3

Query Match      1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 26;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      825 GGTGCTGAAGCTGGT 839
|||||
Db      16 GGTGCTGAAGCTGGT 2
|||||

RESULT 32
PCT-US96-09009-21/c
; Sequence 21, Application PC/TUS9609009
; GENERAL INFORMATION:
; APPLICANT: Buchberg, Arthur M.
; APPLICANT: Siracusa, Linda D.
; APPLICANT: Chepenik, Kenneth P.
; TITLE OF INVENTION: RISK FACTOR FOR COLORECTAL CANCER
; TITLE OF INVENTION: AND
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF DETECTING THE SAME
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:

Query Match      1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 26;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      262 ACAGGAGCACCTTCA 276
|||||
Db      16 ACAGGAGCACCTTCA 2
|||||

RESULT 33
US-09-375-318-29/c
; Sequence 29, Application US/09375318
; Patent No. 6468791
; GENERAL INFORMATION:
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Schellenberg, Gerard D.
; APPLICANT: Masco, Wilma
; APPLICANT: Levy-Ishad, Ephrat
; APPLICANT: Bird, Thomas D.
; APPLICANT: Galas, David J.
; TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO

Query Match      1.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 29;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      418 CTCTCCGGTGGCCCC 432
|||||
Db      17 CTCTCCGGTGGCCCC 3
|||||

RESULT 34
US-09-375-318-43/c
; Sequence 43, Application US/09375318
; Patent No. 6468791
; GENERAL INFORMATION:
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Schellenberg, Gerard D.
; APPLICANT: Masco, Wilma
; APPLICANT: Levy-Ishad, Ephrat
; APPLICANT: Bird, Thomas D.

```

```

;           Galas, David J.
; TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO
Query Match      1.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 29;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 418 CTCCTCGGCTGCCCC 432
DB 17 CTCCTCGTCTGCCCC 3

RESULT 35
US-08-584-040-4457/c
; Sequence 4457, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
Query Match      1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 32;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 187 GTGGCCGGTCAAGTTCC 204
DB 18 GAGGCCAAGTCAAGTTCC 1

RESULT 36
US-09-371-772B-2170/c
; Sequence 2170, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
Query Match      1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 32;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 187 GTGGCCGGTCAAGTTCC 204
DB 18 GAGGCCAAGTCAAGTTCC 1

RESULT 37
US-08-410-540-8
; Sequence 8, Application US/08410540
; Patent No. 5807678
; GENERAL INFORMATION:
; APPLICANT: Miller, Walter L.
; APPLICANT: Lin, Dong
; APPLICANT: Strauss III, Jerome F.
; TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS
; TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
Query Match      1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 38;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 612 GTGGCCATCTCAACCAGC 629
DB 2 GTGGCCATCCAGCCAGC 19

RESULT 38
US-09-288-461-34/c
; Sequence 34, Application US/09288461
; Patent No. 6159694
; GENERAL INFORMATION:
; APPLICANT: Karas, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0338
; CURRENT APPLICATION NUMBER: US/09/288,461
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 107
Query Match      1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 38;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 273 TTCAGAAAGTTGTTGAAA 290
DB 18 TTCAGAACTTAATGAAA 1

RESULT 39
US-09-198-452A-5306
; Sequence 5306, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
Query Match      1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 38;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 758 GGAGATGGCAGACTGGA 775
DB 3 GTAGATGGCAAGCTGGA 20

RESULT 40
US-09-487-444-10
; Sequence 10, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
Query Match      1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 420 CTCGGCTGCCCC 432
DB 1 CTCGGCTGCCCC 13

RESULT 41
US-08-587-670A-5/c

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```
; Sequence 5, Application US/08587670A
; Patent No. 5824535
; GENERAL INFORMATION:
; APPLICANT: Kou, Guang-Hsiung
; APPLICANT: Wang, Chung-Hsiung
; APPLICANT: Lo, Chu-Fang
; TITLE OF INVENTION: IDENTIFICATION, PURIFICATION AND
; TITLE OF INVENTION: DETECTION OF WSBV (BACULOVIRUS ASSOCIATED WITH
; TITLE OF INVENTION: WHITE SPOT SYNDROME)
; NUMBER OF SEQUENCES: 14

Query Match 1.6%; Score 13; DB 1; Length 22;
Best Local Similarity 76.2%; Pred. No. 55;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 716 CAAATTTCAGAGCTGCGGTA 736
DB 21 CAAGGTCAGAGCTGCCGTA 1

RESULT 42
US-09-061-674-5/c
; Sequence 5, Application US/09061674
; Patent No. 6190862
; GENERAL INFORMATION:
; APPLICANT: Kou, Guang-Hsiung
; APPLICANT: Wang, Chung-Hsiung
; APPLICANT: Lo, Chu-Fang
; TITLE OF INVENTION: IDENTIFICATION, PURIFICATION AND
; TITLE OF INVENTION: DETECTION OF WSBV (BACULOVIRUS ASSOCIATED WITH
; TITLE OF INVENTION: WHITE SPOT SYNDROME)
; NUMBER OF SEQUENCES: 14

Query Match 1.6%; Score 13; DB 1; Length 22;
Best Local Similarity 76.2%; Pred. No. 55;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 716 CAAATTTCAGAGCTGCGGTA 736
DB 21 CAAGGTCAGAGCTGCCGTA 1

RESULT 43
US-09-866-108A-8384/c
; Sequence 8384, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 41;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCCTGCTCCAGCAG 416
DB 16 CACTCTGCTCCAGTG 1

RESULT 44
US-09-474-432B-409/c
; Sequence 409, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber

; Sequence 5, Application US/08587670A
; Patent No. 5824535
; GENERAL INFORMATION:
; APPLICANT: Kou, Guang-Hsiung
; APPLICANT: Wang, Chung-Hsiung
; APPLICANT: Lo, Chu-Fang
; TITLE OF INVENTION: IDENTIFICATION, PURIFICATION AND
; TITLE OF INVENTION: DETECTION OF WSBV (BACULOVIRUS ASSOCIATED WITH
; TITLE OF INVENTION: WHITE SPOT SYNDROME)
; NUMBER OF SEQUENCES: 14

Query Match 1.6%; Score 13; DB 1; Length 22;
Best Local Similarity 76.2%; Pred. No. 55;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 716 CAAATTTCAGAGCTGCGGTA 736
DB 21 CAAGGTCAGAGCTGCCGTA 1

RESULT 42
US-09-061-674-5/c
; Sequence 5, Application US/09061674
; Patent No. 6190862
; GENERAL INFORMATION:
; APPLICANT: Kou, Guang-Hsiung
; APPLICANT: Wang, Chung-Hsiung
; APPLICANT: Lo, Chu-Fang
; TITLE OF INVENTION: IDENTIFICATION, PURIFICATION AND
; TITLE OF INVENTION: DETECTION OF WSBV (BACULOVIRUS ASSOCIATED WITH
; TITLE OF INVENTION: WHITE SPOT SYNDROME)
; NUMBER OF SEQUENCES: 14

Query Match 1.6%; Score 13; DB 1; Length 22;
Best Local Similarity 76.2%; Pred. No. 55;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 716 CAAATTTCAGAGCTGCGGTA 736
DB 21 CAAGGTCAGAGCTGCCGTA 1

RESULT 43
US-09-866-108A-8384/c
; Sequence 8384, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 41;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCCTGCTCCAGCAG 416
DB 16 CACTCTGCTCCAGTG 1

RESULT 44
US-09-474-432B-409/c
; Sequence 409, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber

; Sequence 5, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 41;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 474 GAACTTGGCATTCTTC 489
DB 17 GTACTCGGCATTCTTC 2

RESULT 45
US-09-476-387-408/c
; Sequence 408, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 41;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 474 GAACTTGGCATTCTTC 489
DB 17 GTACTCGGCATTCTTC 2

RESULT 46
US-09-866-108A-1787/c
; Sequence 1787, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 41;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 379 CCGTCTCTGCTGGCGG 394
DB 17 CTTCTCTGCTGGCAGG 2

RESULT 47
US-09-866-108A-1788/c
; Sequence 1788, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 41;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 379 CCGTCTGCTGGCGGG 394
Db 16 CCTTCTGCTGGCAGG 1

RESULT 48
US-09-866-108A-8378/c
; Sequence 8378, Application US/09866108A
; Patent No. 6866188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 41;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 TGCTCCAGCAGGCTCT 421
Db 17 TGCTCCAGCTGGCTGT 2

RESULT 49
US-08-864-473-47/c
; Sequence 47, Application US/08864473
; Patent No. 6027889
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Lubin, Matthew
; TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING
; TITLE OF INVENTION: COUPLED LIGASE DETECTION AND POLYMERASE CHAIN REACTIONS
; FILE REFERENCE: 19603/441
; CURRENT APPLICATION NUMBER: US/08/864,473
; CURRENT FILING DATE: 1997-05-28

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 45;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 297 GTCGGGGCCCTGCATG 312
Db 18 GTCGGGGCCCTGCATG 3

RESULT 50
US-09-440-523-47/c
; Sequence 47, Application US/09440523
; Patent No. 6268148
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Lubin, Matthew
; TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING
; TITLE OF INVENTION: COUPLED LIGASE DETECTION AND POLYMERASE CHAIN REACTIONS
; FILE REFERENCE: 19603/441
; CURRENT APPLICATION NUMBER: US/09/440,523
; CURRENT FILING DATE: 1999-11-15

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 45;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 297 GTCGGGGCCCTGCATG 312
Db 18 GTCGGGGCCCTGCATG 3

RESULT 51
US-09-318-191-15
; Sequence 15, Application US/09318191A
; Patent No. 6291190
; GENERAL INFORMATION:
; APPLICANT: Marcel Behr
; APPLICANT: Peter Small
; APPLICANT: Gary Schoolnik
; APPLICANT: Michael Wilson
; TITLE OF INVENTION: Molecular differences between species of
; TITLE OF INVENTION: the M. tuberculosis complex
; FILE REFERENCE: SUN-102P

Query Match 1.5%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 55;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 592 ACTTCCGGTGGCGGT 607
Db 5 AATCCCGTGGCGGT 20

RESULT 52
US-09-431-705-52
; Sequence 52, Application US/09431705
; Patent No. 685975
; GENERAL INFORMATION:
; APPLICANT: Kleanthous, Harold
; APPLICANT: Londono-Arcila, Patricia
; APPLICANT: Freeman, Donna
; TITLE OF INVENTION: Use of salmonella vectors for
; TITLE OF INVENTION: vaccination against helicobacter infection
; FILE REFERENCE: 06132/060001
; CURRENT APPLICATION NUMBER: US/09/431,705

Query Match 1.5%; Score 12.8; DB 1; Length 22;
Best Local Similarity 87.5%; Pred. No. 66;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 261 GACAGGAGCAGCTTCA 276
Db 5 GACAGGAGCAGCATCA 20

RESULT 53
US-08-031-143B-58/c
; Sequence 58, Application US/08031143B
; Patent No. 5518880
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; APPLICANT: MCBRIDE, O. WESLEY
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 60;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 448 CAGATGCCCTTCAGGAAGA 466
Db 19 CAACTGCCTGCCAGCAAGA 1

RESULT 54
PCT-US94-02891-58/c
; Sequence 58, Application PC/TUS9402891
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
; APPLICANT: SERVICES
; APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL

```



APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA  
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF  
XSCID  
NUMBER OF SEQUENCES: 69

Query Match 1.5%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 60;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 448 CAGATGCTTCCAGGAAGA 466  
Db 19 CAAGCTGCTCCAGCAGA 1

RESULT 55  
US-09-659-845A-168  
Sequence 168, Application US/09659845A  
Patent No. 6492170  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION  
FILE REFERENCE: RTS-0183  
CURRENT APPLICATION NUMBER: US/09/659,845A  
CURRENT FILING DATE: 2001-07-23  
NUMBER OF SEQ ID NOS: 174

Query Match 1.5%; Score 12.6; DB 1; Length 20;  
Best Local Similarity 78.9%; Pred. No. 66;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCAGGCTCTCC 423  
Db 2 CTGCTCCAGCAGGCTCTCC 20

RESULT 56  
US-09-733-294A-33/c  
Sequence 33, Application US/09733294A  
Patent No. 6492171  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: William Gaarde  
APPLICANT: Susan M. Freier  
APPLICANT: Edward V. Wenciewicz  
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION  
FILE REFERENCE: ISPH-0527  
CURRENT APPLICATION NUMBER: US/09/733,294A

Query Match 1.5%; Score 12.6; DB 1; Length 20;  
Best Local Similarity 78.9%; Pred. No. 66;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 626 CAGCGCTCAGTCCGCTCC 644  
Db 19 CAGCGCTCAGTCCGCTCC 1

RESULT 57  
US-09-428-583-13/c  
Sequence 13, Application US/09428583  
Patent No. 6271029  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOCHESIN-2 EXPRESSION  
FILE REFERENCE: RTS-0036  
CURRENT APPLICATION NUMBER: US/09/428,583  
CURRENT FILING DATE: 1999-10-27  
NUMBER OF SEQ ID NOS: 89

Query Match 1.5%; Score 12.6; DB 1; Length 20;  
Best Local Similarity 78.9%; Pred. No. 66;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 225 GAAGTGACGCGCGTGGCTC 243  
Db 19 GAGGAGGCGCGTGGCTC 1

RESULT 58  
US-08-862-337-12/c  
Sequence 12, Application US/08862337  
Patent No. 6582902  
GENERAL INFORMATION:  
APPLICANT: Keene, Jack D.  
APPLICANT: Kenan, Daniel J.  
APPLICANT: Tsai, Donald E.  
TITLE OF INVENTION: Nucleic Acid Epitopes and Methods of  
TITLE OF INVENTION: Making and Using the Same  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:

Query Match 1.5%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 41;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 404 CCTGCTCCAGCAGG 417  
Db 14 CCTGCTCCAGCAGG 1

RESULT 59  
US-08-343-998-24  
Sequence 24, Application US/08343998A  
Patent No. 6020123  
GENERAL INFORMATION:  
APPLICANT: Sonigo, Pierre  
APPLICANT: Brechot, Christian  
APPLICANT: Courgnard, Valerie  
TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES FOR THE AMPLIFICATION OF THE  
TITLE OF INVENTION: GENOME OF THE RETROVIRUSES OF THE HIV-2 AND SIV TYPE,  
TITLE OF INVENTION: AND THEIR USES FOR IN VITRO DIAGNOSIS OF THE INFECTIONS  
TITLE OF INVENTION: DUE TO THESE VIRUSES

Query Match 1.5%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 47;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 759 GAGATGGCAGAACT 772  
Db 2 GAGTGGCAGAACT 15

RESULT 60  
US-09-866-108A-8385/c  
Sequence 8385, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Shaaron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 59;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 401 CACCTGCTCCAGC 414  
Db 15 CACTGCTCCAGC 2

```

RESULT 61
US-09-866-108A-8386/c
; Sequence 8386, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 59;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      401 CACCTGCTCCAGC 414
DB      14 CACTGCTCCAGC 1

RESULT 62
US-08-379-078-471/c
; Sequence 471, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 59;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      411 CAGCAGGCTCTCCG 424
DB      17 CAGCAGGCTCGCCG 4

RESULT 63
US-08-998-099-45
; Sequence 45, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 59;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      615 GCCATCTCACCAG 628
DB      2 GCCAUCUGACCAG 15

RESULT 64
US-07-974-409C-84/c
; Sequence 84, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato

; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 59;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      411 CAGCAGGCTCTCCG 424
DB      17 CAGCAGGCTCGCCG 4

RESULT 65
US-09-866-108A-7795/c
; Sequence 7795, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 59;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      825 GGTGCTGAAGCTGG 838
DB      14 GCTGCTGAAGCTGG 1

RESULT 66
PCT-US93-00977-84/c
; Sequence 84, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 59;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      411 CAGCAGGCTCTCCG 424
DB      17 CAGCAGGCTCGCCG 4

RESULT 67
US-09-866-108A-7667
; Sequence 7667, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 59;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      411 CAGCAGGCTCTCCG 424
DB      17 CAGCAGGCTCGCCG 4

```

Best Local Similarity 92.9%; Pred. No. 59;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 768 GAACCTGAGAGAA 781  
Db 4 GAGCTGAGAGAA 17

RESULT 68  
US-09-866-108A-7793/c  
; Sequence 7793, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 59;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 825 GGTGCTGAAGCTGG 838  
Db 16 GCTGCTGAAGCTGG 3

RESULT 69  
US-09-866-108A-7794/c  
; Sequence 7794, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 59;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 825 GGTGCTGAAGCTGG 838  
Db 15 GCTGCTGAAGCTGG 2

RESULT 70  
US-09-437-240/c  
; Sequence 240, Application US/09180437  
; Patent No. 6251873  
; GENERAL INFORMATION:  
; APPLICANT: FUKUSAKO, Shioji  
; APPLICANT: MORISAWA, Yoshifumi  
; APPLICANT: KUSUYAMA, Takeshi  
; TITLE OF INVENTION: Antisense Compounds to CD14  
; FILE REFERENCE: 1110-209P  
; CURRENT APPLICATION NUMBER: US/09/180,437  
; CURRENT FILING DATE: 1998-11-06

Query Match 1.5%; Score 12.4; DB 1; Length 20;  
Best Local Similarity 92.9%; Pred. No. 79;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 809 GAACCTGGTACTG 822  
Db 18 GAACCTGGTACTG 5

RESULT 71  
US-08-887-798-37/c  
; Sequence 37, Application US/08887798  
; Patent No. 5922556  
; GENERAL INFORMATION:  
; APPLICANT: Mayeux, Richard  
; APPLICANT: Graziano, Joseph H.  
; APPLICANT: Preyer, Greg  
; TITLE OF INVENTION: PARKINSON'S DISEASE TESTS  
; NUMBER OF SEQUENCES: 38  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham LLP

Query Match 1.5%; Score 12.4; DB 1; Length 26;  
Best Local Similarity 72.7%; Pred. No. 1.3e+02;  
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 294 GPAGTCGGGGCCTGCATGGGA 315  
Db 23 GGAGACAGGGCACTGCTGGGA 2

RESULT 72  
US-08-985-162-645/c  
; Sequence 645, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 70;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 CTTAAGGAGATGGCAGA 769  
Db 17 CTAAAGGAGATTTCAGA 1

RESULT 73  
US-09-474-432B-684  
; Sequence 684, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Svedler, David

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 70;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 354 GCCAACCTGTCAGAGA 370  
Db 1 GCCAACCGCCAGAGA 17

RESULT 74  
US-09-476-387-683  
; Sequence 683, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo  
 ; APPLICANT: Beaudry, Amber  
 ; APPLICANT: Karpeisky, Alex  
 ; APPLICANT: Adamic, Jasenka Matulic  
 ; APPLICANT: Sweedler, Dave  
 ; APPLICANT: Zinnen, Shawn

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 70;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTGACGAGA 370  
 DB 1 GCCAACCGCCAGAGGA 17

RESULT 75  
 US-09-401-063-645/c  
 ; Sequence 645, Application US/09401063  
 ; Patent No. 6623962

; GENERAL INFORMATION:  
 ; APPLICANT: Akhtar, Saghir  
 ; APPLICANT: Fell, Patricia  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
 ; TITLE OF INVENTION: FACTOR RECEPTORS

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 70;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGGCAGA 769  
 DB 17 CTTAAGGAGATTTCAGA 1

RESULT 76  
 US-08-985-162-293  
 ; Sequence 293, Application US/08985162  
 ; Patent No. 6057156

; GENERAL INFORMATION:  
 ; APPLICANT: Akhtar, Saghir  
 ; APPLICANT: Fell, Patricia  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
 ; TITLE OF INVENTION: FACTOR RECEPTORS

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 70.6%; Pred. No. 70;  
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 414 CAGGCTCTCCGGCTGCC 430  
 DB 1 CAUGCCCUUGCGGCGCC 17

RESULT 77  
 US-09-474-432B-605  
 ; Sequence 605, Application US/09474432B  
 ; Patent No. 6528640

; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Beigelman, Leo  
 ; APPLICANT: Burgin, Alex  
 ; APPLICANT: Beaudry, Amber  
 ; APPLICANT: Karpeisky, Alex  
 ; APPLICANT: Adamic, Jasenka  
 ; APPLICANT: Sweedler, David

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 64.7%; Pred. No. 70;  
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTTGGGGGCTGCAGCT 155  
 DB 1 CUGCGGAGCUGCAGCU 17

RESULT 78  
 US-09-371-772B-6439/c  
 ; Sequence 6439, Application US/09371772B  
 ; Patent No. 6566127

; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 70;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 136 CTGCTTGGGGGCTGCA 152  
 DB 17 CTGCTAGTGGGCTGCA 1

RESULT 79  
 US-09-476-387-604  
 ; Sequence 604, Application US/09476387  
 ; Patent No. 6617438

; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Beigelman, Leo  
 ; APPLICANT: Beaudry, Amber  
 ; APPLICANT: Karpeisky, Alex  
 ; APPLICANT: Adamic, Jasenka Matulic  
 ; APPLICANT: Sweedler, Dave  
 ; APPLICANT: Zinnen, Shawn

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 64.7%; Pred. No. 70;  
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTTGGGGGCTGCAGCT 155  
 DB 1 CUGCGGAGCUGCAGCU 17

RESULT 80  
 US-09-401-063-293  
 ; Sequence 293, Application US/09401063  
 ; Patent No. 6623962

; GENERAL INFORMATION:  
 ; APPLICANT: Akhtar, Saghir  
 ; APPLICANT: Fell, Patricia  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
 ; TITLE OF INVENTION: FACTOR RECEPTORS

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 70.6%; Pred. No. 70;  
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 414 CAGGCTCTCCGGCTGCC 430  
 DB 1 CAUGCCCUUGCGGCGCC 17

RESULT 81  
US-09-866-108A-559  
; Sequence 559, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 70;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 CAGGAGCTGGGTACAG 739  
Db 1 CAGGAGCTGGGTCCAG 17

RESULT 82  
US-09-866-108A-6619  
; Sequence 6619, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 70;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 413 CGAGGCTCTCGGTGC 429  
Db 1 CGAGGCTCTCGGTGC 17

RESULT 83  
US-09-371-772B-4704  
; Sequence 4704, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Favco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Endothelial Cells  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.8%; Pred. No. 70;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 773 GGAGAAGAAGTGTGAGC 789  
Db 1 GGAUGAGCAGUGAGC 17

RESULT 84  
US-09-422-978-4727  
; Sequence 4727, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422.978  
; CURRENT FILING DATE: 1999-10-20

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 78;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 TGGAGAAGAAGTGTGAG 788  
Db 2 TGGAGAAGAGTTTGTG 18

RESULT 85  
US-09-289-466-51  
; Sequence 51, Application US/09289466A  
; Patent No. 6124272  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION  
; FILE REFERENCE: RTS-0060  
; CURRENT APPLICATION NUMBER: US/09/289,466A  
; CURRENT FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 86

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 78;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 325 GAGNAGCTGTGGAGCA 341  
Db 2 GAGCAGCTCTGGAGAA 18

RESULT 86  
US-08-320-559-15/C  
; Sequence 15, Application US/08320559  
; Patent No. 5633135  
; GENERAL INFORMATION:  
; APPLICANT: Croce, Carlo  
; APPLICANT: Canaani, Eli  
; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods for  
; TITLE OF INVENTION: Detection and Treatment of Acute Leukemias  
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the  
; TITLE OF INVENTION: All-1 Region  
; NUMBER OF SEQUENCES: 44

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 78;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAG 782  
Db 17 CAGATCTAGAAAGAG 1

RESULT 87  
US-08-327-392-15/C  
; Sequence 15, Application US/08327392  
; Patent No. 5633136  
; GENERAL INFORMATION:  
; APPLICANT: Croce, Carlo  
; APPLICANT: Canaani, Eli  
; TITLE OF INVENTION: ALL-1 Polynucleotides and Monoclonal  
; TITLE OF INVENTION: Antibodies for Leukemia Detection and  
; TITLE OF INVENTION: Treatment  
; NUMBER OF SEQUENCES: 24  
; CORRESPONDENCE ADDRESS:

```

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 78;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAG 782
Db 17 CAGATCTAGAAAGAG 1

RESULT 88
US-08-545-860D-15/c
; Sequence 15, Application US/08545860D
; Patent No. 6040140
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; APPLICANT: Canaan, Eli
; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
; TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1 Region
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 78;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAG 782
Db 17 CAGATCTAGAAAGAG 1

RESULT 89
US-09-920-760-43/c
; Sequence 43, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 43

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 78;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 716 CAAATTTTCAGAGAGCTGC 732
Db 18 CAAGCCTCAGAGAGCTGC 2

RESULT 90
PCT-US94-04496-15/c
; Sequence 15, Application PC/TUS9404496
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; APPLICANT: Canaan, Eli
; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
; TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 78;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAG 782
Db 17 CAGATCTAGAAAGAG 1

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Db 17 CAGATCTAGAAAGAG 1

RESULT 91
US-08-540-448-23
; Sequence 23, Application US/08540448
; Patent No. 5786145
; GENERAL INFORMATION:
; APPLICANT: KARN, JONATHAN
; APPLICANT: GAIT, MICHAEL J.
; APPLICANT: HEAPHY, SHAWN
; APPLICANT: DINGWALL, COLIN
; TITLE OF INVENTION: VIRAL GROWTH INHIBITION
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 78;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 728 GCTGCGGTACAGTGTAG 744
Db 1 GCUGCGGUACAGGCCAG 17

RESULT 92
US-08-929-939-23
; Sequence 23, Application US/08929939A
; Patent No. 6153382
; GENERAL INFORMATION:
; APPLICANT: Karn
; APPLICANT: Gait
; APPLICANT: Heaphy
; APPLICANT: Dingwall
; TITLE OF INVENTION: Viral Growth Inhibition
; FILE REFERENCE: Karn950.39192
; CURRENT APPLICATION NUMBER: US/08/929,939A

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 78;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 728 GCTGCGGTACAGTGTAG 744
Db 1 GCUGCGGUACAGGCCAG 17

RESULT 93
US-08-630-592-14
; Sequence 14, Application US/08630592
; Patent No. 5770432
; GENERAL INFORMATION:
; APPLICANT: Nishina, Patsy
; APPLICANT: No. 5770432entrath, Konrad
; APPLICANT: Nagger, Juergen
; APPLICANT: No. 5770432th, Michael
; TITLE OF INVENTION: Obesity Associated Genes
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 86;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 660 CTCATGCAGCTGAAGCT 676
Db 3 CTCAGCGCAGCAGAGCT 19

RESULT 94
US-08-714-991-14
; Sequence 14, Application US/08714991
; Patent No. 5776762

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;
; GENERAL INFORMATION:
; APPLICANT: NORTH, Michael
; APPLICANT: NISHINA, Patsy
; APPLICANT: No. 5776762en-Trauth, Konrad
; APPLICANT: NAGGERT, Juergen
; TITLE OF INVENTION: OBESITY ASSOCIATED GENES
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 86;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      660 CTCATGCAGCTGAAGCT 676
Db      3 CTGAGGCAGCAGAAGCT 19

RESULT 95
US-09-032-365A-26
; Sequence 26, Application US/09032365A
; Patent No. 6114502
; GENERAL INFORMATION:
; APPLICANT: No. 6114502th, Michael
; APPLICANT: Nishina, Patsy
; APPLICANT: Naggart, Juergen
; APPLICANT: No. 6114502en-Trauth, Konrad
; TITLE OF INVENTION: GENE FAMILY ASSOCIATED WITH
; TITLE OF INVENTION: NEUROSENSORY DEFECTS
; NUMBER OF SEQUENCES: 67

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 86;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      660 CTCATGCAGCTGAAGCT 676
Db      3 CTGAGGCAGCAGAAGCT 19

RESULT 96
US-09-422-978-9339/c
; Sequence 9339, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GNSSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 86;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      758 GGAGATGGCAGAACTGG 774
Db      19 GGAGGAGGCAGAAATGG 3

RESULT 97
US-08-910-629A-4
; Sequence 4, Application US/08910629A
; Patent No. 5877309
; GENERAL INFORMATION:
; APPLICANT: Robert A. McKay
; APPLICANT: Nicholas M. Dean
; APPLICANT: Brett Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
; TITLE OF INVENTION: PROTEINS
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;
; NUMBER OF SEQUENCES: 86

Query Match      1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 94;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      750 GTCCTTAAGGAGATGCG 766
Db      3 GTGCTAAAGGAGAGGCG 19

RESULT 98
US-09-287-796-4
; Sequence 4, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS

Query Match      1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 94;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      750 GTCCTTAAGGAGATGCG 766
Db      3 GTGCTAAAGGAGAGGCG 19

RESULT 99
US-09-130-616-4
; Sequence 4, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS

Query Match      1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 94;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      750 GTCCTTAAGGAGATGCG 766
Db      3 GTGCTAAAGGAGAGGCG 19

RESULT 100
US-09-658-679A-35
; Sequence 35, Application US/09658679A
; Patent No. 644464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87

Query Match      1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 94;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      380 CGTCTCTGCTGGGGCA 396
```

```
Db      1  CGGCCTCCGGCAGGCA 17

RESULT 101
US-08-117-952-65/C
; Sequence 65, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark

Query Match      1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 94;
Matches 14; Conservative 0; Mismatches 3; Indels 3; Gaps 0;

QY      252 AAGACTTAGACAGGAG 268
Db      20 ATGGACCAAGACAGGAG 4

RESULT 102
US-08-882-046-56
; Sequence 56, Application US/08882046
; Patent No. 6136952
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; APPLICANT: Hood, Leroy
; APPLICANT: Krantz, Ian D.
; APPLICANT: Spinner, Nancy B.
; TITLE OF INVENTION: Human Jagged Polypeptide, Encoding
; TITLE OF INVENTION: Nucleic Acids and Methods of Use
; NUMBER OF SEQUENCES: 110

Query Match      1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 94;
Matches 14; Conservative 0; Mismatches 3; Indels 3; Gaps 0;

QY      168 CATCCCGCTGACAGTCA 184
Db      4  CCTCAGGTGACAGTCA 20

RESULT 103
US-09-702-251-51
; Sequence 51, Application US/09702251
; Patent No. 6372492
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0199
; CURRENT APPLICATION NUMBER: US/09/702,251
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89

Query Match      1.5%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 94;
Matches 14; Conservative 0; Mismatches 3; Indels 3; Gaps 0;

QY      387 CTGGCGGCACACACAC 403
Db      2  CTGGGAGGCACACACAC 18

RESULT 104
US-08-435-350-43
; Sequence 43, Application US/08435350

; Patent No. 5599704
; GENERAL INFORMATION:
; APPLICANT: James D. Thompson
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: TREATMENT OF BREAST CANCER
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

Query Match      1.5%; Score 12.2; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      354 GCCAACCTGTGAGAAGA 370
Db      2  GCCAACCGCCAGAGGA 18

RESULT 105
US-08-068-945A-15
; Sequence 15, Application US/08068945A
; Patent No. 5616483
; GENERAL INFORMATION:
; APPLICANT: Bjursell, Gunnar
; APPLICANT: Carlsson, Peter
; APPLICANT: Enerback, Sven
; APPLICANT: Hansson, Lennart
; APPLICANT: Lidberg, Ulf
; APPLICANT: Nilsson, Jeanette
; APPLICANT: Tornell, Jan

Query Match      1.5%; Score 12.2; DB 1; Length 23;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      557 CCAACAGCAGGATCCT 573
Db      6  CCACCTGCAGGACCCCT 22

RESULT 106
US-08-442-806-15
; Sequence 15, Application US/08442806
; Patent No. 5716817
; GENERAL INFORMATION:
; APPLICANT: Bjursell, Gunnar
; APPLICANT: Carlsson, Peter
; APPLICANT: Enerback, Sven
; APPLICANT: Hansson, Lennart
; APPLICANT: Lidberg, Ulf
; APPLICANT: Nilsson, Jeanette
; APPLICANT: Tornell, Jan

Query Match      1.5%; Score 12.2; DB 1; Length 23;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      557 CCAACAGCAGGATCCT 573
Db      6  CCACCTGCAGGACCCCT 22

RESULT 107
US-09-504-358-29
; Sequence 29, Application US/09504358
; Patent No. 6365376
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E.
; APPLICANT: Brzostowicz, Patricia C.
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES
; FILE REFERENCE: BC1001 US NA
; CURRENT APPLICATION NUMBER: US/09/504,358
```



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; CURRENT FILING DATE: 2000-02-15
; EARLIER APPLICATION NUMBER: 60/120,702

Query Match      1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 93;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 723 CAGGAGCTGCGGTA 736
DB 1 CAGGAGCTGCGGTA 14

RESULT 108
US-09-954-314-29
; Sequence 29, Application US/09954314
; Patent No. 6465224
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E.
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES
; FILE REFERENCE: BC1001 US NA
; CURRENT APPLICATION NUMBER: US/09/954,314
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/120,702

Query Match      1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 93;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 723 CAGGAGCTGCGGTA 736
DB 1 CAGGAGCTGCGGTA 14

RESULT 109
US-10-067-443-16
; Sequence 16, Application US/10067443
; Patent No. 6642041
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALOPROTEASE HIGHLY EXPRESSED IN
; TITLE OF INVENTION: SPINAL CORD, NP-1
; FILE REFERENCE: D0073 NP
; CURRENT APPLICATION NUMBER: US/10/067,443
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 60/266,518

Query Match      1.4%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGCAGCT 155
DB 1 CTGCTGTGCTGGATGAACT 20

RESULT 110
US-09-490-692-137/c
; Sequence 137, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176

Query Match      1.4%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY 714 GCCAAATTCAGGAGCTGGC 733
DB 20 GTCAGGTTACAGGAGCGGC 1

RESULT 111
US-09-422-978-10283/c
; Sequence 10283, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20

Query Match      1.4%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 710 CATAGCCAAATTCAGGAGC 729
DB 20 CACATCCAAAGTTGAGGGGC 1

RESULT 112
US-09-198-452A-1961
; Sequence 1961, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prave
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24

Query Match      1.4%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 758 GGAGATGGCAGAACTGGAGA 777
DB 1 GGATAGGCTTATCTGGAGA 20

RESULT 113
US-08-555-669-30
; Sequence 30, Application US/08555669
; Patent No. 5773248
; GENERAL INFORMATION:
; APPLICANT: Brewton, Richard G.
; APPLICANT: Mayne, Richard
; TITLE OF INVENTION: TYPE IX COLLAGEN AND FRAGMENTS THEREOF
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas

Query Match      1.4%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 418 CTCCTCCGGCTGCCCGCTGCT 437
DB 1 CTCCTCTGTTTCCCGGCT 20

RESULT 114
US-09-073-663-30
```

```
; Sequence 30, Application US/09073663
; Patent No. 6129523
; GENERAL INFORMATION:
; APPLICANT: Brewton, Richard G.
; APPLICANT: Mayne, Richard
; TITLE OF INVENTION: TYPE IX COLLAGEN AND FRAGMENTS THEREOF
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McGregor & Adler, LLP
; STREET: 8011 Candle Lane

Query Match 1.4%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 418 CTCTCCGGCTCCCTCCCTGCT 437
Db 1 CTCTCCTGTTTCCCGCT 20

RESULT 115
US-08-087-772A-13
; Sequence 13, Application US/08087772A
; Patent No. 5691155
; GENERAL INFORMATION:
; APPLICANT: Nahmias, Clara
; APPLICANT: Emorine, Jean L.
; APPLICANT: Strosberg, Donny A.
; TITLE OF INVENTION: Nucleotide Sequences Encoding the Murine
; TITLE OF INVENTION: Beta3-Adrenergic Receptor and Their Applications
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:

Query Match 1.4%; Score 12; DB 1; Length 22;
Best Local Similarity 75.0%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 306 CTGCATGGGAAGACTGCAG 325
Db 1 CTGCAGGAGGAGGACAGCAG 20

RESULT 116
US-09-829-855-55/c
; Sequence 55, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US-60/196063
; PRIOR FILING DATE: 2000-04-10

Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 90;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 727 AGCTCGGTACAGTG 741
Db 16 AGCTCGGCACACAG 2

RESULT 117
US-09-829-855-135/c
; Sequence 135, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHY-1
; CURRENT APPLICATION NUMBER: US/09/829,855

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

; Sequence 30, Application US/09073663
; Patent No. 6129523
; GENERAL INFORMATION:
; APPLICANT: Brewton, Richard G.
; APPLICANT: Mayne, Richard
; TITLE OF INVENTION: TYPE IX COLLAGEN AND FRAGMENTS THEREOF
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McGregor & Adler, LLP
; STREET: 8011 Candle Lane

Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 90;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 727 AGCTCGGTACAGTG 741
Db 16 AGCTCGGCACACAG 2

RESULT 118
US-08-758-306-721/c
; Sequence 721, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggan, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 824 GGGTCTCTGAAGCTGG 838
Db 17 GGGTCTCTGGAGCTGG 3

RESULT 119
US-09-726-774-137/c
; Sequence 137, Application US/09726774
; Patent No. 6677153
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; GENERAL INFORMATION: Composition
; FILE REFERENCE: 0450-0032.30
; CURRENT APPLICATION NUMBER: US/09/726,774
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/168,150

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 684 GGATCTGCACACGC 698
Db 17 GGATCAGCAGCCGC 3

RESULT 120
US-09-866-108A-1786/c
; Sequence 1786, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 380 CGTCTGCTGGGG 394  
Db 17 CTTCCTGCTGGCAGG 3

## RESULT 121

US-09-866-108A-6759  
; Sequence 6759, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAAGAGCTCCAGG 475  
Db 2 GGAGGAGCTCCTGGA 16

## RESULT 122

US-09-866-108A-6760  
; Sequence 6760, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAAGAGCTCCAGG 475  
Db 1 GGAGGAGCTCCTGGA 15

## RESULT 123

US-09-866-108A-6620  
; Sequence 6620, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 415 AGGCTCTCGGCTGC 429  
Db 2 AGGCTCTCGTCTGC 16

## RESULT 124

US-09-866-108A-6621  
; Sequence 6621, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 415 AGGCTCTCGGCTGC 429  
Db 1 AGGCTCTCGTCTGC 15

## RESULT 125

US-09-866-108A-6780  
; Sequence 6780, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 768 GAATCGAGAGGAAG 782  
Db 3 GATCTGGAAGGAAG 17

## RESULT 126

US-09-866-108A-6781  
; Sequence 6781, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 768 GAATCGAGAGGAAG 782  
Db 2 GATCTGGAAGGAAG 16

## RESULT 127

US-09-866-108A-6782  
; Sequence 6782, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 768 GAATCTGGAGAGAG 782  
 DB 1 GATCTGGAGAGAG 15

RESULT 128  
 US-09-632-580A-34  
 ; Sequence 34, Application US/09632580A  
 ; Patent No. 6255111  
 ; GENERAL INFORMATION:  
 ; APPLICANT: C. Frank Bennett  
 ; APPLICANT: Lex M. Cowser  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION  
 ; FILE REFERENCE: RTS-0054  
 ; CURRENT APPLICATION NUMBER: US/09/632,580A  
 ; CURRENT FILING DATE: 2000-07-31  
 ; NUMBER OF SEQ ID NOS: 93

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 389 GCGGGGCACACAC 403  
 DB 4 GCGAGCACGACAC 18

RESULT 129  
 US-09-726-774-136/c  
 ; Sequence 136, Application US/09726774  
 ; Patent No. 6677153  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Iversen, Patrick L.  
 ; TITLE OF INVENTION: Antisense Antibacterial Method and  
 ; FILE REFERENCE: Composition  
 ; FILE REFERENCE: 0450-0032.30  
 ; CURRENT APPLICATION NUMBER: US/09/726,774  
 ; CURRENT FILING DATE: 2000-11-29  
 ; PRIOR APPLICATION NUMBER: US 60/168,150

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 GGATCTGCACACCGC 698  
 DB 18 GGATCGACGCGC 4

RESULT 130  
 US-09-289-376-43/c  
 ; Sequence 43, Application US/09289376  
 ; Patent No. 6013788  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brett P. Monia  
 ; APPLICANT: Lex M. Cowser  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD3 EXPRESSION  
 ; FILE REFERENCE: RTS-0043  
 ; CURRENT APPLICATION NUMBER: US/09/289,376  
 ; CURRENT FILING DATE: 1999-04-09  
 ; NUMBER OF SEQ ID NOS: 47

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 135 TCTGCTTTGGGGCT 149  
 DB 18 TCTGCTCTGCTGGCT 4

RESULT 131  
 US-09-723-534-20  
 ; Sequence 20, Application US/09723534  
 ; Patent No. 6294382  
 ; GENERAL INFORMATION:  
 ; APPLICANT: C. Frank Bennett  
 ; APPLICANT: Lex M. Cowser  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-1 EXPRESSION  
 ; FILE REFERENCE: RTS-0225  
 ; CURRENT APPLICATION NUMBER: US/09/723,534  
 ; CURRENT FILING DATE: 2000-11-27  
 ; NUMBER OF SEQ ID NOS: 49

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 746 CTTGGTCCTTAAGGA 760  
 DB 3 CTTGGTCATAAAGGA 17

RESULT 132  
 US-09-742-703-4  
 ; Sequence 4, Application US/09742703  
 ; Patent No. 6423543  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Patrick Allen Marcotte  
 ; APPLICANT: Lex M. Cowser  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSPIN EXPRESSION  
 ; FILE REFERENCE: RTS-0090  
 ; CURRENT APPLICATION NUMBER: US/09/742,703  
 ; CURRENT FILING DATE: 2000-12-20  
 ; NUMBER OF SEQ ID NOS: 49

Query Match 1.4%; Score 11.8; DB 1; Length 19;  
 Best Local Similarity 86.7%; Pred. No. 1.2e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 723 CAGGAGCTGGGTAC 737  
 DB 5 CAGGAGCGCGGTAC 19

RESULT 133  
 US-09-726-774-131/c  
 ; Sequence 131, Application US/09726774  
 ; Patent No. 6677153  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Iversen, Patrick L.  
 ; TITLE OF INVENTION: Antisense Antibacterial Method and  
 ; FILE REFERENCE: Composition  
 ; FILE REFERENCE: 0450-0032.30  
 ; CURRENT APPLICATION NUMBER: US/09/726,774  
 ; CURRENT FILING DATE: 2000-11-29  
 ; PRIOR APPLICATION NUMBER: US 60/168,150

Query Match 1.4%; Score 11.8; DB 1; Length 19;  
 Best Local Similarity 86.7%; Pred. No. 1.2e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 GGATCTGCACACCGC 698  
 DB 19 GGATCAGCAGCGCGC 5

```
RESULT 134
US-08-031-143B-58
; Sequence 58, Application US/08031143B
; Patent No. 5518880
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; APPLICANT: MCBRIDE, O. WESLEY
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN

Query Match      1.4%; Score 11.8; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 382 TCCTGCTGGCGGCA 396
DB 1 TCTTGCTGGCAGCA 15

RESULT 135
PCT-US94-02891-58
; Sequence 58, Application PC/TUS9402891
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
; APPLICANT: SERVICES
; APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
; APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: XSCID
; NUMBER OF SEQUENCES: 59

Query Match      1.4%; Score 11.8; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 382 TCCTGCTGGCGGCA 396
DB 1 TCTTGCTGGCAGCA 15

RESULT 136
US-09-792-594-24/c
; Sequence 24, Application US/09792594
; Patent No. 6436706
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQL4 EXPRESSION
; FILE REFERENCE: RTS-0209
; CURRENT APPLICATION NUMBER: US/09/792,594
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 89

Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 AGCCACACAGCAGG 568
DB 18 AGCCACAGCAGG 4

RESULT 137
US-09-658-688A-84
; Sequence 84, Application US/09658688A
; Patent No. 6498035
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
; FILE REFERENCE: RTS-0143
; CURRENT APPLICATION NUMBER: US/09/658,688A

Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 145 GGGCTGCAGCTCCAT 159
DB 4 GGGCTGCCACTCCAT 18

RESULT 138
US-09-198-452A-4787/c
; Sequence 4787, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24

Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 747 TTGTCCTTAAGGAG 761
DB 18 TCGTCCTTAAGGAG 4

RESULT 139
US-09-404-296B-12
; Sequence 12, Application US/09404296B
; Patent No. 6559358
; GENERAL INFORMATION:
; APPLICANT: MURRAY, James Augustus Henry
; TITLE OF INVENTION: PLANTS WITH MODIFIED GROWTH
; FILE REFERENCE: 2121-0151P
; CURRENT APPLICATION NUMBER: US/09/404,296B
; CURRENT FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent in version 3.1

Query Match      1.4%; Score 11.6; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 744 GCGTCCTTAAGG 759
DB 1 GCGTCCTTAAGG 16

RESULT 140
US-08-585-684B-2733/c
; Sequence 2733, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751

Query Match      1.4%; Score 11.6; DB 1; Length 18;
```

Best Local Similarity 77.8%; Pred. No. 1.3e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 770 ACTGGAGAGAGAGTGTGA 787  
Db 18 ACTGGAGCAGCGGTGTTA 1

## RESULT 141

US-09-038-073-2733/c  
; Sequence 2733, Application US/09038073  
; Patent No. 6194150

## GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751

Query Match 1.4%; Score 11.6; DB 1; Length 18;  
Best Local Similarity 77.8%; Pred. No. 1.3e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 770 ACTGGAGAGAGAGTGTGA 787  
Db 18 ACTGGAGCAGCGGTGTTA 1

## RESULT 142

US-09-478-189-27/c  
; Sequence 27, Application US/09478189  
; Patent No. 6534293

## GENERAL INFORMATION:

; APPLICANT: Barany, Francis  
; APPLICANT: Liu, Jianzhao  
; APPLICANT: Kirk, Brian W.  
; APPLICANT: Zirvi, Monib  
; APPLICANT: Gerty, No. 6534293man P.  
; APPLICANT: Paty, Philip B.

; TITLE OF INVENTION: ACCELERATING IDENTIFICATION OF SINGLE NUCLEOTIDE

Query Match 1.4%; Score 11.6; DB 1; Length 18;  
Best Local Similarity 77.8%; Pred. No. 1.3e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 639 CGCTCCTCGCAACCGAGT 656  
Db 18 CGCTCGCGCAGCGGTGT 1

## RESULT 143

US-09-165-543-24/c  
; Sequence 24, Application US/09165543  
; Patent No. 6093545

## GENERAL INFORMATION:

; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann  
; TITLE OF INVENTION: Muscarinic Receptors and Uses therefor  
; NUMBER OF SEQUENCES: 39  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD, LLP  
; STREET: 28 State Street  
; CITY: Boston

Query Match 1.4%; Score 11.6; DB 1; Length 18;  
Best Local Similarity 77.8%; Pred. No. 1.3e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 401 CACCTGCTCCAGCAGGC 418  
Db 18 CTCCATGCCAGCAGGC 1

## RESULT 144

US-09-508-824-6/c  
; Sequence 6, Application US/09508824  
; Patent No. 6635811

## GENERAL INFORMATION:

; APPLICANT: Flintham, John E  
; APPLICANT: Gale, Michael D  
; APPLICANT: Holdsworth, Michael J  
; TITLE OF INVENTION: Pre-harvest Sprouting  
; FILE REFERENCE: Newburn  
; CURRENT APPLICATION NUMBER: US/09/508.824  
; CURRENT FILING DATE: 2000-05-17

Query Match 1.4%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 1.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 397 CACACCCCTGCTCCAGC 414  
Db 18 CTCGCACCCCTGCTCCGC 1

## RESULT 145

US-09-422-978-6380  
; Sequence 6380, Application US/09422978  
; Patent No. 6537751

## GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422.978  
; CURRENT FILING DATE: 1999-10-20

Query Match 1.4%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 1.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 760 AGATGGCAGAACTGGAGA 777  
Db 1 AAATAGCAGATTGGAGA 18

## RESULT 146

US-09-585-174-28/c  
; Sequence 28, Application US/09585174  
; Patent No. 6586229

## GENERAL INFORMATION:

; APPLICANT: Ben-Bassat, Arie  
; APPLICANT: Cattermole, Monica  
; APPLICANT: Gatenby, Anthony A.  
; APPLICANT: Gibson, Katherine J.  
; APPLICANT: Ramos-Gonzalez, Isabel  
; APPLICANT: Ramos, Juan  
; APPLICANT: Sariaslani, Sima

Query Match 1.4%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 1.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 737 CAGTGTAGCCTTGCTCCT 754  
Db 18 CAGCATGGCCTTGCTCAT 1

## RESULT 147

US-09-422-978-6979/c  
; Sequence 6979, Application US/09422978  
; Patent No. 6537751

## GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

```
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422.978
; CURRENT FILING DATE: 1999-10-20

Query Match      1.4%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 637 CCCGCTCCCTGCAACCGA 654
DB 19 CCTGCTCCCTGAAGTGA 2

RESULT 148
US-09-657-346A-13/c
; Sequence 13, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657.346A
; CURRENT FILING DATE: 2000-09-07

Query Match      1.4%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 369 GAGCGTCTGGCGCGTCCG 386
DB 18 GAGCGGCTGGCGCTGCTG 1

RESULT 149
US-08-450-905B-134/c
; Sequence 134, Application US/08450905B
; Patent No. 5856301
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Stem Cell Inhibiting Proteins
; NUMBER OF SEQUENCES: 178
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HALE and DORR
; STREET: 60 State Street
; CITY: Boston

Query Match      1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 657 GTTCTCATGCAGCTGAAG 674
DB 20 GTGCTGACGCATCTGAAG 3

RESULT 150
US-07-982-759F-134/c
; Sequence 134, Application US/07982759F
; Patent No. 6057123
; GENERAL INFORMATION:
; APPLICANT: CRAIG, Stewart
; APPLICANT: GEORGE, Michael
; APPLICANT: EDWARDS, Richard Mark
; APPLICANT: CZAPLEWSKI, Lloyd George
; APPLICANT: GILBERT, Richard
; TITLE OF INVENTION: Stem Cell Inhibiting Proteins
; NUMBER OF SEQUENCES: 178

Query Match      1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 657 GTTCTCATGCAGCTGAAG 674
DB 20 GTGCTGACGCATCTGAAG 3

RESULT 151
US-09-287-796-123
; Sequence 123, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS

Query Match      1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 748 TGGTCTCTTAAGGAGATGG 765
DB 3 TGCACCTAAGGAGACGG 20

RESULT 152
US-09-287-796-123/c
; Sequence 123, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS

Query Match      1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 134 GTCTGCTTTGGGGGCTGC 151
DB 18 GTCTCCTTTAGGTGCAGC 1

RESULT 153
US-09-488-671-52/c
; Sequence 52, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCCK-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488.671A

Query Match      1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 350 CAGCCCAACCTGTCAGA 367
DB 19 CATCGCCCACTGCTGA 2
```

Patent No. 6355482  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Susan M. Freier  
TITLE OF INVENTION: ANTISENSE  
FILE REFERENCE: RTS-0176  
CURRENT APPLICATION NUMBER:  
CURRENT FILING DATE: 2000-1  
NUMBER OF SEQ ID NOS: 89



```
Query Match      1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 736 ACAGTGTAGCCTGTGTC 753
DB 18 ACTAGTGCCTGTGTC 1

RESULT 161
US-08-477-877B-10/c
; Sequence 10, Application US/08477877B
; Patent No. 5730979
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activation
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Carella, Byrne, Bain, Gilfillan,
; ADDRESSES: Cecchi, Stewart & Olstein

Query Match      1.4%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 660 CTCATGCAGCTGAAGTC 677
DB 18 CTGCTGCAGCTGAAGTC 1

RESULT 162
US-08-472-281A-10/c
; Sequence 10, Application US/08472281A
; Patent No. 5817311
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activation
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Carella, Byrne, Bain, Gilfillan,
; ADDRESSES: Cecchi, Stewart & Olstein

Query Match      1.4%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 660 CTCATGCAGCTGAAGTC 677
DB 18 CTGCTGCAGCTGAAGTC 1

RESULT 163
US-08-477-989B-10/c
; Sequence 10, Application US/08477989B
; Patent No. 5951983
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; APPLICANT: Kaplan, Ruth
; APPLICANT: Kieber-Emmons, Thomas
; APPLICANT: Postema, Christina E.
; APPLICANT: White-Scharf, Mary
; TITLE OF INVENTION: LO-CD2a Antibody and Uses

Query Match      1.4%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 660 CTCATGCAGCTGAAGTC 677
DB 18 CTGCTGCAGCTGAAGTC 1

Query Match      1.4%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 736 ACAGTGTAGCCTGTGTC 753
DB 18 ACTAGTGCCTGTGTC 1

RESULT 164
US-09-382-552-104
; Sequence 104, Application US/09382552
; Patent No. 6673909
; GENERAL INFORMATION:
; APPLICANT: Brown, Jr., Robert H.
; APPLICANT: Liu, Jing
; APPLICANT: Aoki, Masashi
; APPLICANT: Ho, Meng
; APPLICANT: Matsuda-Asada, Chie
; TITLE OF INVENTION: DYSERLIN, A GENE MUTATED IN DISTAL MYOPATHY AND LIMB GIRDLE MUSCULAR DYSTROPHY
; TITLE OF INVENTION: GIRDLE MUSCULAR DYSTROPHY

Query Match      1.4%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 254 GGACTTAGACAGGAGCAC 271
DB 2 GGTCCAGCCAGGAGCAC 19

RESULT 165
US-08-559-508-6/c
; Sequence 6, Application US/08559508
; Patent No. 5641633
; GENERAL INFORMATION:
; APPLICANT: Linn, Carl P.
; APPLICANT: Walker, George T.
; APPLICANT: Spears, Patricia A.
; TITLE OF INVENTION: FLUORESCENCE POLARIZATION DETECTION OF NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:

Query Match      1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 89;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 598 GGTGGCGGTGGA 610
DB 13 GTTGGCGGTGGA 1

RESULT 166
US-08-559-010-5/c
; Sequence 5, Application US/08559010
; Patent No. 5809989
; GENERAL INFORMATION:
; APPLICANT: Linn, Carl P.
; APPLICANT: Walker, George T.
; APPLICANT: Spears, Patricia A.
; TITLE OF INVENTION: FLUORESCENCE POLARIZATION DETECTION OF NUCLEIC ACID AMPLIFICATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:

Query Match      1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 89;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 598 GGTGGCGGTGGA 610
DB 13 GTTGGCGGTGGA 1

RESULT 167
US-08-974-738-6/c
; Sequence 6, Application US/08974738
; Patent No. 6379929
```

```
;
; GENERAL INFORMATION:
; APPLICANT: Burns, Mark A.
; APPLICANT: Burke, David T.
; APPLICANT: Johnson, Brian N.
; APPLICANT: DeNuzzio, John D.
; TITLE OF INVENTION: CHIP-BASED ISOTHERMAL AMPLIFICATION
; TITLE OF INVENTION: DEVICES AND METHODS
; NUMBER OF SEQUENCES: 6
;
; Query Match 1.4%; Score 11.4; DB 1; Length 13;
; Best Local Similarity 92.3%; Pred. No. 89;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 598 GTTGGCGGTGGA 610
Db 13 GTTGGCGGTGGA 1

RESULT 168
US-09-829-855-179/c
; Sequence 179, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
;
; Query Match 1.4%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 1.3e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 727 AGCTGGCGGTACAG 739
Db 16 AGCTGGCGGTACAG 4

RESULT 169
US-08-232-087A-5/c
; Sequence 5, Application US/08232087A
; Patent No. 5866372
; GENERAL INFORMATION:
; APPLICANT: Stein, Harald
; APPLICANT: D'Kop, Horst
; APPLICANT: Latza, Ute
; TITLE OF INVENTION: Lymphoid CD30-Antigen
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
;
; Query Match 1.4%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 1.3e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 413 GCAGGCTCTCCGG 425
Db 15 GCAGGCTCTCCGG 3

RESULT 170
US-08-152-313-31/c
; Sequence 31, Application US/08152313
; Patent No. 5561041
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
;
; Query Match 1.4%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 1.3e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 413 GCAGGCTCTCCGG 425
Db 15 GCAGGCTCTCCGG 3

RESULT 171
US-08-050-073-152
; Sequence 152, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Schari, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
;
; Query Match 1.4%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 1.3e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 405 CTGCTCCAGCAGG 417
Db 4 CTGCTCCAGCAGG 16

RESULT 172
US-08-579-223-31/c
; Sequence 31, Application US/08579223
; Patent No. 5726019
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
;
; Query Match 1.4%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 1.3e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 344 TGGTGCCAGCGCC 356
Db 14 TGGTGCCAGCGCC 2

RESULT 173
US-09-371-772B-5810
; Sequence 5810, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
;
; Query Match 1.4%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 76.9%; Pred. No. 1.3e+02;
; Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
;
QY 778 AGAAGTGTGAGCG 790
```

```
;
; STREET: 1880 Century Park East, Suite 500
;
; Query Match 1.4%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 1.3e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 344 TGGTGCCAGCGCC 356
Db 14 TGGTGCCAGCGCC 2

RESULT 171
US-08-050-073-152
; Sequence 152, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Schari, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
;
; Query Match 1.4%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 1.3e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 405 CTGCTCCAGCAGG 417
Db 4 CTGCTCCAGCAGG 16

RESULT 172
US-08-579-223-31/c
; Sequence 31, Application US/08579223
; Patent No. 5726019
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
;
; Query Match 1.4%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 92.3%; Pred. No. 1.3e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 344 TGGTGCCAGCGCC 356
Db 14 TGGTGCCAGCGCC 2

RESULT 173
US-09-371-772B-5810
; Sequence 5810, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
;
; Query Match 1.4%; Score 11.4; DB 1; Length 16;
; Best Local Similarity 76.9%; Pred. No. 1.3e+02;
; Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
;
QY 778 AGAAGTGTGAGCG 790
```

```
Db      3 AGCAGUGAGCGC 15
|| ||:|:||||
|| ||:|:||||

RESULT 174
US-09-829-855-34/c
; Sequence 34, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBV-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10

Query Match      1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      727 AGCTGCGGTACAG 739
Db      16 AGCTGCGGCACAG 4
|||||||

RESULT 175
US-09-829-855-106/c
; Sequence 106, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBV-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10

Query Match      1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      727 AGCTGCGGTACAG 739
Db      16 AGCTGCGGCACAG 4
|||||||

RESULT 176
US-09-829-855-131/c
; Sequence 131, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBV-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10

Query Match      1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      727 AGCTGCGGTACAG 739
Db      16 AGCTGCGGCACAG 4
|||||||

RESULT 177
PCT-US94-12947A-31/c
; Sequence 31, Application PC/TUS9412947A
```

```
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles

Query Match      1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      344 TGGTCCAGCGCC 356
Db      14 TGGGCCACGGCC 2
|||||||

RESULT 178
US-09-866-108A-1784/c
; Sequence 1784, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      382 TCCTGCTGCGCG 394
Db      17 TCCTGCTGCGCAG 5
|||||||

RESULT 179
US-08-985-162-237
; Sequence 237, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 1.4e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      243 CAGCTCTTGAAGG 255
Db      2 CAGGUCUGAAGG 14
||||:|:|

RESULT 180
US-09-401-063-237
; Sequence 237, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
```

; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 69.2%; Pred. No. 1.4e+02;  
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 243 CAGCTCTTGAAGG 255  
||| :||:|||||  
DB 2 CAGGUCUUGAGG 14

## RESULT 181

US-09-866-108A-7797/c  
; Sequence 7797, Application US/09866108A  
; Patent No. 6866188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676  
||| :||:|||||  
DB 13 TCGTCTGAAGCT 1

## RESULT 182

US-09-866-108A-8648  
; Sequence 8648, Application US/09866108A  
; Patent No. 6866188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676  
||| :||:|||||  
DB 2 TGCAGCTGAAGCT 14

## RESULT 183

US-09-866-108A-1785/c  
; Sequence 1785, Application US/09866108A  
; Patent No. 6866188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 382 TCCTGCTGGCGG 394  
||| :||:|||||  
DB 16 TCCTGCTGGCAGG 4

## RESULT 184

US-09-866-108A-7796/c  
; Sequence 7796, Application US/09866108A  
; Patent No. 6866188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676  
||| :||:|||||  
DB 14 TCGTCTGAAGCT 2

## RESULT 185

US-08-055-917-5/c  
; Sequence 5, Application US/08055917  
; Patent No. 5310875  
; GENERAL INFORMATION:  
; APPLICANT: Chang, Tse Wen; Chang, Nancy T.  
; TITLE OF INVENTION: Peptides corresponding to membrane-bound IgA  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Tanox Biosystems, Inc.  
; STREET: 10301 Stella Link Rd.  
; CITY: Houston

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514  
||| :||:|||||  
DB 17 GAGACTTGGCCAG 5

## RESULT 186

US-08-095-068-5/c  
; Sequence 5, Application US/08095068  
; Patent No. 5362643  
; GENERAL INFORMATION:  
; APPLICANT: Chang, Tse Wen; Chang, Nancy T.  
; TITLE OF INVENTION: Producing antibodies which bind to membrane-bound IgA using IgA  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Tanox Biosystems, Inc.  
; STREET: 10301 Stella Link Rd.

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514  
||| :||:|||||  
DB 17 GAGACTTGGCCAG 5

## RESULT 187

US-08-140-721A-5/c

```

; Sequence 5, Application US/08140721A
; Patent No. 5484907
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen; Chang, Nancy T.
; TITLE OF INVENTION: Nucleosides Coding for the Extracellular Membrane-Bound Segment
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514
DB 17 GAGACTTGGCCAG 5

RESULT 188
US-08-050-073-159/c
; Sequence 159, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert J.
; APPLICANT: Schaff, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGG 417
DB 14 CTGCTCCAGCAGG 2

RESULT 189
US-08-619-790C-5/c
; Sequence 5, Application US/08619790C
; Patent No. 5690934
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen; Chang, Nancy T.
; TITLE OF INVENTION: PEPTIDES RELATING TO THE EXTRACELLULAR MEMBRANE-
; TITLE OF INVENTION: BOUND SEGMENT OF HUMAN CHAIN
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514
DB 17 GAGACTTGGCCAG 5

RESULT 190
US-07-785-565A-5/c
; Sequence 5, Application US/07785565A
; Patent No. 5866129
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen; Chang, Nancy T.
; TITLE OF INVENTION: Treating Disease with a Peptide Corresponding to Membrane-Bou
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514
DB 17 GAGACTTGGCCAG 5

RESULT 191
US-08-985-162-211/c
; Sequence 211, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 ATGGCAGAACTGG 774
DB 15 ATGGCAGAACTGG 3

RESULT 192
US-09-401-063-211/c
; Sequence 211, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 ATGGCAGAACTGG 774
DB 15 ATGGCAGAACTGG 3

RESULT 193
US-09-866-108A-7666
; Sequence 7666, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY 768 GAACTGGAGAGA 780  
 DB 5 GAGCTGGAGAAGA 17

## RESULT 194

US-09-866-108A-8140  
 ; Sequence 8140, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGC 675  
 DB 5 ATGCAGCTGGAGC 17

## RESULT 195

US-09-866-108A-8141  
 ; Sequence 8141, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGC 675  
 DB 4 ATGCAGCTGGAGC 16

## RESULT 196

US-09-866-108A-8142  
 ; Sequence 8142, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGC 675  
 DB 3 ATGCAGCTGGAGC 15

## RESULT 197

US-09-866-108A-8143  
 ; Sequence 8143, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGC 675  
 DB 2 ATGCAGCTGGAGC 14

## RESULT 198

US-09-866-108A-8144  
 ; Sequence 8144, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGC 675  
 DB 1 ATGCAGCTGGAGC 13

## RESULT 199

US-09-866-108A-8387/c  
 ; Sequence 8387, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 1.4e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAG 413  
 DB 13 CACTCTGCTCCAG 1

## RESULT 200

US-09-866-108A-8645  
 ; Sequence 8645, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.

```

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      664 TGCAGCTGAAGCT 676
DB      5 TGCAGCTGCAGCT 17

RESULT 201
US-09-866-108A-8646
; Sequence 8646, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      664 TGCAGCTGAAGCT 676
DB      4 TGCAGCTGCAGCT 16

RESULT 202
US-09-866-108A-8647
; Sequence 8647, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      664 TGCAGCTGAAGCT 676
DB      3 TGCAGCTGCAGCT 15

RESULT 203
US-09-866-108A-8649
; Sequence 8649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      664 TGCAGCTGAAGCT 676
DB      2 TCCAGCTGAAGCT 14

RESULT 204
US-08-679-645-583
; Sequence 583, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.

Query Match      1.4%; Score 11.4; DB 1; Length 18;
Best Local Similarity 76.9%; Pred. No. 1.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      727 AGCTGGGTACAG 739
DB      1 AGCUGCGUUCAG 13

RESULT 205
US-09-205-860-29
; Sequence 29, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 29

Query Match      1.4%; Score 11.4; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      555 GCCCAACGACGAG 567
DB      4 GCCCAGCAGCAGG 16

RESULT 206
US-08-101-435-6
; Sequence 6, Application US/08101435
; Patent No. 5441883
; GENERAL INFORMATION:
; APPLICANT: Civeilli, Olivier
; APPLICANT: Zhou, Qun-yong
; TITLE OF INVENTION: A No. 5441883el Adenosine Receptor and Uses
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Drive, Suite 3000

Query Match      1.4%; Score 11.4; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      664 TGCAGCTGAAGCT 676
DB      2 TCCAGCTGAAGCT 14
```

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RESULT 207
US-08-050-073-158
; Sequence 158, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRbeta DNA

Query Match      1.4%; Score 11.4; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGG 417
Db 4 CTGCTCCAGCAGG 16

RESULT 208
US-08-948-113D-1/c
; Sequence 1, Application US/08948113D
; Patent No. 6482937
; GENERAL INFORMATION:
; APPLICANT: Baetscher, Manfred W.
; APPLICANT: Akiyoshi, Donna E.
; APPLICANT: Kaplan, Ruth A.
; TITLE OF INVENTION: Pluripotent Porcine Cells, Genetically Modified Porcine
; FILE OF INVENTION: Cells and pigs for Use in Said Method, Transgenic Pigs
; FILE REFERENCE: 61750-309
; CURRENT APPLICATION NUMBER: US/08/948,113D

Query Match      1.4%; Score 11.4; DB 1; Length 19;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCTCTCCAGCAGG 417
Db 18 CACTTCTCCAGSAGG 4

RESULT 209
US-08-369-043-5/c
; Sequence 5, Application US/08369043
; Patent No. 5491064
; GENERAL INFORMATION:
; APPLICANT: Lichy, Jack H
; APPLICANT: Howley, Peter M
; TITLE OF INVENTION: HTS1-Gene, A Human Tumor Suppressor Gene
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend
; STREET: 1 Market Plaza, Steuart Tower, Suite 2000

Query Match      1.4%; Score 11.4; DB 1; Length 20;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 171 CCCGCTGACATC 183
Db 13 CCCGCTGCCATC 1

RESULT 210
US-08-943-731-542
; Sequence 542, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.

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; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN

Query Match      1.4%; Score 11.4; DB 1; Length 20;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 720 TTTCAGGAGCTGC 732
Db 2 TTCCAGGAGCTGC 14

RESULT 211
US-08-974-549A-508/c
; Sequence 508, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.

Query Match      1.4%; Score 11.4; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 375 CTGGCCGCTCTCTGCGCGGC 395
Db 21 CTGGTTCACCTCTGCGCACGC 1

RESULT 212
US-08-912-951-275/c
; Sequence 275, Application US/08912951
; Patent No. 6475789
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.

Query Match      1.4%; Score 11.4; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 375 CTGGCCGCTCTCTGCGCGGC 395
Db 21 CTGGTTCACCTCTGCGCACGC 1

RESULT 213
US-09-402-181B-508/c
; Sequence 508, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.

Query Match      1.4%; Score 11.4; DB 1; Length 21;

```



Best Local Similarity 71.4%; Pred. No. 2.1e+02; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 6;

Qy 375 CTGCGCCGTCCTGCTGCGGCGC 395  
Db 21 CTGGTTCACCTGCTGCGACGC 1

## RESULT 214

US-09-721-456-508/c  
; Sequence 508, Application US/09721456  
; Patent No. 6617110  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morlin, Gregg B.  
; Harley, Calvin B.  
; Andrews, William H.

Query Match 1.4%; Score 11.4; DB 1; Length 21;  
Best Local Similarity 71.4%; Pred. No. 2.1e+02;  
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 375 CTGCGCCGTCCTGCTGCGGCGC 395  
Db 21 CTGGTTCACCTGCTGCGACGC 1

## RESULT 215

US-09-382-552-104/c  
; Sequence 104, Application US/09382552  
; Patent No. 6673909  
; GENERAL INFORMATION:  
; APPLICANT: Brown, Jr., Robert H.  
; APPLICANT: Aoki, Masashi  
; APPLICANT: Ho, Meng  
; APPLICANT: Matsuda-Asada, Chie

; TITLE OF INVENTION: DYSFERLIN, A GENE MUTATED IN DISTAL MYOPATHY AND LIMB  
; TITLE OF INVENTION: GIRDLER MUSCULAR DYSTROPHY

Query Match 1.4%; Score 11.4; DB 1; Length 21;  
Best Local Similarity 71.4%; Pred. No. 2.1e+02;  
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 379 CGTCTCTGCTGCGGCGACAC 399  
Db 21 CAGTCTCTGCTGCGGACCC 1

## RESULT 216

US-09-424-785-1  
; Sequence 1, Application US/09424785  
; Patent No. 6635627  
; GENERAL INFORMATION:  
; APPLICANT: STOVEN, VERONIQUE  
; APPLICANT: LENOIR, GERARD  
; APPLICANT: LALLEMAND, JEAN-YVES  
; APPLICANT: ANNEAU, JEAN-PHILIPPE  
; APPLICANT: BARTHE, JOEL  
; APPLICANT: BLANQUET, SYLVAIN

; TITLE OF INVENTION: ANTICANCER PRODUCTS FOR TREATING CYSTIC FIBROSIS

Query Match 1.4%; Score 11.4; DB 1; Length 22;  
Best Local Similarity 71.4%; Pred. No. 2.3e+02;  
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 765 GCAGACTGAGAGAGAGTCT 785  
Db 1 GCAGATCTAGAGACAGTCT 21

## RESULT 217

US-09-364-539-10  
; Sequence 10, Application US/09364539B  
; Patent No. 6344321  
; GENERAL INFORMATION:  
; APPLICANT: Rabin, Ross  
; APPLICANT: Lochrie, Michael  
; APPLICANT: Janjic, Nebojsa  
; APPLICANT: Gold, Larry  
; TITLE OF INVENTION: Nucleic Acid Ligands Which Bind to Hepatocyte Growth  
; TITLE OF INVENTION: Factor/Scatter Factor (HGF/SF) or its Receptor C-Met  
; FILE REFERENCE: NEX83

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 68.8%; Pred. No. 1.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 134 GTCGTCTTTGGGGGCT 149  
Db 1 GTCGCGGAGCGGCU 16

## RESULT 218

US-09-371-772B-5809  
; Sequence 5809, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
Query Match 1.3%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 68.8%; Pred. No. 1.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 774 GAGAGAGTGTGAGC 789  
Db 1 GAUGAGCAGUGGAGC 16

## RESULT 219

US-09-017-974-79  
; Sequence 79, Application US/09017974  
; Patent No. 6288042  
; GENERAL INFORMATION:  
; APPLICANT: Rando, Robert F.  
; APPLICANT: Ojwang, Joshua O.  
; APPLICANT: Hogan, Michael E.  
; APPLICANT: Wallace, Thomas L.  
; APPLICANT: Cossum, Paul A.

; TITLE OF INVENTION: Anti-Viral Guanosine-Rich  
; TITLE OF INVENTION: Tetrad Forming Oligonucleotides

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 599 GTGCGCGGTGGAGCTG 614  
Db 1 GTGCGCGGTGGTGGG 16

## RESULT 220

US-08-682-255A-79  
; Sequence 79, Application US/08682255A  
; Patent No. 6323185  
; GENERAL INFORMATION:  
; APPLICANT: Rando, Robert F.

; APPLICANT: Fennwald, Susan  
 ; APPLICANT: Zendegeui, Joseph G.  
 ; APPLICANT: Ojwang, Joshua O.  
 ; APPLICANT: Hogan, Michael E.  
 ; APPLICANT: Pommier, Eyles  
 ; APPLICANT: Mazumder, Abhijit

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGGTGGACGTG 614  
 DB 1 GTGGCGGGTGGTGG 16

## RESULT 221

US-09-429-130-79  
 ; Sequence 79, Application US/09429130  
 ; Patent No. 6355785  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rando, Robert F.

; Fennwald, Susan  
 ; Zendegeui, Joseph G.  
 ; Ojwang, Joshua O.  
 ; Hogan, Michael E.  
 ; Pommier, Eyles  
 ; Mazumder, Abhijit

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGGTGGACGTG 614  
 DB 1 GTGGCGGGTGGTGG 16

## RESULT 222

US-09-866-108A-6318  
 ; Sequence 6318, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 410 CCAGCAGGCTCTCCGG 425  
 DB 2 CCAGCAGGCTCTCCAG 17

## RESULT 223

US-09-866-108A-6319  
 ; Sequence 6319, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 410 CCAGCAGGCTCTCCGG 425  
 DB 1 CCAGCAGGCTCTCCAG 16

## RESULT 224

US-08-390-850-590/c  
 ; Sequence 590, Application US/08390850  
 ; Patent No. 5612215  
 ; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.  
 ; APPLICANT: Pavco, Pamela  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Gustofson, John T.  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
 ; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 201 TTCTGGGTCCAGC 216  
 DB 17 TTCTGGGTAAACCAGC 2

## RESULT 225

US-08-435-634-590/c  
 ; Sequence 590, Application US/08435634  
 ; Patent No. 5731295  
 ; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.  
 ; APPLICANT: Pavco, Pamela  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Gustofson, John T.  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
 ; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 201 TTCTGGGTCCAGC 216  
 DB 17 TTCTGGGTAAACCAGC 2

## RESULT 226

US-09-474-432B-831  
 ; Sequence 831, Application US/09474432B  
 ; Patent No. 6528640  
 ; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Beigelman, Leo  
 ; APPLICANT: Burgin, Alex  
 ; APPLICANT: Beaudry, Amber  
 ; APPLICANT: Karpeisky, Alex  
 ; APPLICANT: Adamic, Jasenka  
 ; APPLICANT: Sweedler, David

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 69.8%; Pred. No. 1.7e+02;  
 Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 731 GCGGTACAGTGTAGCC 746  
 DB 1 GCGGUACAGUGAGGAC 16

RESULT 227  
US-09-476-387-830  
; Sequence 830, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zimren, Shawn

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 1.7e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 731 GCGGTACAGTGTAGCC 746  
Db 1 GCGGUACAGUGAGGAC 16

RESULT 228  
US-09-866-108A-558  
; Sequence 558, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 CAGGAGCTGCGGTACA 738  
Db 2 CAGGAGCTGGGCTCCA 17

RESULT 229  
US-09-866-108A-6211/c  
; Sequence 6211, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 720 TTTCAGGAGTGGGGT 735  
Db 16 TTGCAGGACCTGGGGT 1

RESULT 230  
US-09-866-108A-9101  
; Sequence 9101, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.7e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 378 GCGGTCTGCTGGCGG 393  
Db 1 GCGGACCTGCAGGCTG 16

RESULT 231  
US-09-244-794A-29  
; Sequence 29, Application US/09244794A  
; Patent No. 6214553  
; GENERAL INFORMATION:  
; APPLICANT: Szostak, Jack W.  
; APPLICANT: Roberts, Richard W.  
; APPLICANT: Liu, Rihe  
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN,  
; FILE REFERENCE: 00786/350006  
; CURRENT APPLICATION NUMBER: US/09/244,794A

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTGGGAGTCA 532  
Db 2 TGGTATTGTGAGCCA 17

RESULT 232  
US-09-007-005-29  
; Sequence 29, Application US/09007005B  
; Patent No. 6258558  
; GENERAL INFORMATION:  
; APPLICANT: Szostak, Jack W.  
; APPLICANT: Roberts, Richard W.  
; APPLICANT: Liu, Rihe  
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN  
; FILE REFERENCE: 00786/350003  
; CURRENT APPLICATION NUMBER: US/09/007,005B

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTGGGAGTCA 532  
Db 2 TGGTATTGTGAGCCA 17

RESULT 233  
US-09-247-190-29  
; Sequence 29, Application US/09247190  
; Patent No. 6261804  
; GENERAL INFORMATION:  
; APPLICANT: Szostak, Jack W.  
; APPLICANT: Roberts, Richard W.  
; APPLICANT: Liu, Rihe  
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN  
; FILE REFERENCE: 00786/350005  
; CURRENT APPLICATION NUMBER: US/09/247,190

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTGGGAGTCA 532  
||| ||||| |||||  
Db 2 TGGTATTGTGAGCCA 17

RESULT 234  
US-09-244-796-29  
; Sequence 29, Application US/09244796  
; Patent No. 6281344  
; GENERAL INFORMATION:  
; APPLICANT: Szostak, Jack W.  
; APPLICANT: Roberts, Richard W.  
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN  
; TITLE OF INVENTION: FUSIONS  
; FILE REFERENCE: 00786/350007  
; CURRENT APPLICATION NUMBER: US/09/244,796

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTGGGAGTCA 532  
||| ||||| |||||  
Db 2 TGGTATTGTGAGCCA 17

RESULT 235  
US-09-238-710-29  
; Sequence 29, Application US/09238710A  
; Patent No. 6518018  
; GENERAL INFORMATION:  
; APPLICANT: Szostak, Jack W.  
; APPLICANT: Roberts, Richard W.  
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN  
; TITLE OF INVENTION: FUSIONS  
; FILE REFERENCE: 00786/350004  
; CURRENT APPLICATION NUMBER: US/09/238,710A

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTGGGAGTCA 532  
||| ||||| |||||  
Db 2 TGGTATTGTGAGCCA 17

RESULT 236  
US-09-205-860-29/c  
; Sequence 29, Application US/09205860  
; Patent No. 5981732  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION  
; FILE REFERENCE: RTS-0031  
; CURRENT APPLICATION NUMBER: US/09/205,860  
; CURRENT FILING DATE: 1998-12-04  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 29

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 382 TCCTGCTGGCGGCAC 397  
||| ||||| |||||

Db 17 TCCTGCTGCTGGCGGC 2

RESULT 237  
US-08-363-240A-1187/c  
; Sequence 1187, Application US/08363240A  
; Patent No. 5705388  
; GENERAL INFORMATION:  
; APPLICANT: Couture, Larry  
; APPLICANT: McSwiggen, James  
; APPLICANT: Bisgaier, Charles  
; APPLICANT: Pape, Michael  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: PREVENTION, INHIBITION OF  
; TITLE OF INVENTION: PROGRESSION AND REGRESSION

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 GATGGCAGAACTGGAG 776  
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Db 18 GGTGGCTGATCTGGAG 3

RESULT 238  
US-08-411-098-35/c  
; Sequence 35, Application US/08411098  
; Patent No. 5830755  
; GENERAL INFORMATION:  
; APPLICANT: HWU, PATRICK; NISHIMURA,  
; APPLICANT: MICHAEL; ROSENBERG, STEVEN A.  
; TITLE OF INVENTION: T-CELL RECEPTORS AND  
; TITLE OF INVENTION: THEIR USE IN THERAPEUTIC AND DIAGNOSTIC  
; TITLE OF INVENTION: METHODS  
; NUMBER OF SEQUENCES: 39  
; CORRESPONDENCE ADDRESS:

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 565 AGGGATCCTCGCTGCC 580  
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Db 16 AGGGGTCCTGTCTGCC 1

RESULT 239  
US-08-679-645-609/c  
; Sequence 609, Application US/08679645  
; Patent No. 6350934  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; APPLICANT: Edington, Brent E.  
; APPLICANT: McSwiggen, James A.  
; APPLICANT: Merlo, Patricia Ann Owens  
; APPLICANT: Guo, Lining  
; APPLICANT: Skokut, Thomas A.  
; APPLICANT: Young, Scott A.

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 721 TTCAGAGCTGCGTA 736  
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Db 16 TCCATGAGCTGCGGA 1

RESULT 240  
US-09-742-373-6  
; Sequence 6, Application US/09742373  
; Patent No. 6562946

; GENERAL INFORMATION:  
; APPLICANT: Althaus, Harald  
; APPLICANT: Hauser, Hans-Peter  
; TITLE OF INVENTION: Human Procalcitonin and the Preparation and Use Thereof  
; FILE REFERENCE: 05552.1445-00  
; CURRENT APPLICATION NUMBER: US/09/742,373  
; CURRENT FILING DATE: 2000-12-22  
; PRIOR APPLICATION NUMBER: 19962434.8

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 286 TGAACCTGTGAGTCGG 301  
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Db 2 TGAAGCTTTTAGTTGG 17

RESULT 241  
US-03-207-388-82/c  
; Sequence 82, Application US/09207388  
; Patent No. 6497880  
; GENERAL INFORMATION:  
; APPLICANT: Wisniewski, Jan  
; TITLE OF INVENTION: HEAT SHOCK GENES AND PROTEINS FROM  
; TITLE OF INVENTION: NEISSERIA MENINGITIDIS, CANDIDA GLABRATA AND ASPERGILLUS  
; TITLE OF INVENTION: FUNIGATUS  
; FILE REFERENCE: 870109.411  
; CURRENT APPLICATION NUMBER: US/09/207,388  
; CURRENT FILING DATE: 1998-12-08

Query Match 1.3%; Score 11.2; DB 1; Length 18;  
Best Local Similarity 81.2%; Pred. No. 1.9e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 719 ATTTCAGGAGCTGCGG 734  
||| ||| ||| |||  
Db 18 ATGCCAGGAGCAGCGG 3

Search completed: July 29, 2004, 16:38:06  
Job time : 12 secs

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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: July 29, 2004, 16:33:09 ; Search time 16 Seconds  
(without alignments)

3.577 Million cell updates/sec

Title: US-09-904-568-1

Perfect score: 835

Sequence: 1 atgtctgcttggggctgc.....gagtcacacgctgggcagg 835

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 1852 seqs, 34269 residues

Total number of hits satisfying chosen parameters: 3704

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 282 summaries

Database : rnpb3db:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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C 2	15.2	1.8	20	1	US-10-303-420-48
C 3	15.2	1.8	21	1	US-10-318-855-7
C 4	15.2	1.8	23	1	US-09-946-374-318
C 5	15.2	1.8	23	1	US-10-015-395A-318
C 6	15.2	1.8	23	1	US-10-006-485A-318
C 7	15.2	1.8	23	1	US-10-013-907A-318
C 8	15.2	1.8	23	1	US-10-015-499A-318
C 9	15.2	1.8	23	1	US-10-226-254A-318
C 10	15.2	1.8	23	1	US-10-006-856A-318
C 11	15.2	1.8	23	1	US-10-006-818A-318
C 12	15.2	1.8	23	1	US-10-015-393A-318
C 13	15.2	1.8	23	1	US-10-015-869A-318
C 14	15.2	1.8	23	1	US-10-012-121A-318
C 15	15.2	1.8	23	1	US-10-006-116A-318
C 16	15.2	1.8	23	1	US-10-006-117A-318
C 17	15.2	1.8	23	1	US-10-017-527A-318
C 18	15.2	1.8	23	1	US-10-013-913A-318
C 19	15.2	1.8	23	1	US-10-007-194A-318
C 20	15.2	1.8	23	1	US-10-013-430A-318
C 21	15.2	1.8	23	1	US-10-011-671A-318
C 22	15.2	1.8	23	1	US-10-012-755A-318
C 23	15.2	1.8	23	1	US-10-015-386A-318
C 24	15.2	1.8	23	1	US-10-011-692A-318
C 25	15.2	1.8	23	1	US-10-006-768A-318
C 26	15.2	1.8	23	1	US-10-017-610A-318
C 27	15.2	1.8	23	1	US-10-006-063A-318
C 28	15.2	1.8	23	1	US-10-020-063A-318
C 29	15.2	1.8	23	1	US-10-015-391A-318
C 30	15.2	1.8	23	1	US-10-017-407A-318
C 31	15.2	1.8	23	1	US-10-011-833A-318
C 32	15.2	1.8	23	1	US-10-006-041A-318
C 33	15.2	1.8	23	1	US-10-015-822A-318
C 34	15.2	1.8	23	1	US-09-978-244A-79
C 35	15.2	1.8	20	1	US-10-303-420-48
C 36	15.2	1.8	21	1	US-10-318-855-7
C 37	15.2	1.8	23	1	US-09-946-374-318
C 38	15.2	1.8	23	1	US-10-015-395A-318
C 39	15.2	1.8	23	1	US-10-006-485A-318
C 40	15.2	1.8	23	1	US-10-013-907A-318
C 41	15.2	1.8	23	1	US-10-015-499A-318
C 42	15.2	1.8	23	1	US-10-226-254A-318
C 43	15.2	1.8	23	1	US-10-006-856A-318
C 44	15.2	1.8	23	1	US-10-006-818A-318
C 45	15.2	1.8	23	1	US-10-015-393A-318
C 46	15.2	1.8	23	1	US-10-015-869A-318
C 47	15.2	1.8	23	1	US-10-012-121A-318
C 48	15.2	1.8	23	1	US-10-006-116A-318
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C 51	15.2	1.8	23	1	US-10-013-913A-318
C 52	15.2	1.8	23	1	US-10-007-194A-318
C 53	15.2	1.8	23	1	US-10-013-430A-318
C 54	15.2	1.8	23	1	US-10-011-671A-318
C 55	15.2	1.8	23	1	US-10-012-755A-318
C 56	15.2	1.8	23	1	US-10-015-386A-318
C 57	15.2	1.8	23	1	US-10-011-692A-318
C 58	15.2	1.8	23	1	US-10-006-768A-318
C 59	15.2	1.8	23	1	US-10-017-610A-318
C 60	15.2	1.8	23	1	US-10-006-063A-318
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C 63	15.2	1.8	23	1	US-10-017-407A-318
C 64	15.2	1.8	23	1	US-10-011-833A-318
C 65	15.2	1.8	23	1	US-10-006-041A-318
C 66	15.2	1.8	23	1	US-10-015-822A-318
C 67	15.2	1.8	23	1	US-09-978-244A-79
C 68	15.2	1.8	20	1	US-10-303-420-48
C 69	15.2	1.8	21	1	US-10-318-855-7
C 70	15.2	1.8	23	1	US-09-946-374-318
C 71	15.2	1.8	23	1	US-10-015-395A-318
C 72	15.2	1.8	23	1	US-10-006-485A-318
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C 74	15.2	1.8	23	1	US-10-015-499A-318
C 75	15.2	1.8	23	1	US-10-226-254A-318
C 76	15.2	1.8	23	1	US-10-006-856A-318
C 77	15.2	1.8	23	1	US-10-006-818A-318
C 78	15.2	1.8	23	1	US-10-015-393A-318
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C 80	15.2	1.8	23	1	US-10-012-121A-318
C 81	15.2	1.8	23	1	US-10-006-116A-318
C 82	15.2	1.8	23	1	US-10-006-117A-318
C 83	15.2	1.8	23	1	US-10-017-527A-318
C 84	15.2	1.8	23	1	US-10-013-913A-318
C 85	15.2	1.8	23	1	US-10-007-194A-318
C 86	15.2	1.8	23	1	US-10-013-430A-318
C 87	15.2	1.8	23	1	US-10-011-671A-318
C 88	15.2	1.8	23	1	US-10-012-755A-318
C 89	15.2	1.8	23	1	US-10-015-386A-318
C 90	15.2	1.8	23	1	US-10-011-692A-318
C 91	15.2	1.8	23	1	US-10-006-768A-318
C 92	15.2	1.8	23	1	US-10-017-610A-318
C 93	15.2	1.8	23	1	US-10-006-063A-318
C 94	15.2	1.8	23	1	US-10-020-063A-318
C 95	15.2	1.8	23	1	US-10-015-391A-318
C 96	15.2	1.8	23	1	US-10-017-407A-318
C 97	15.2	1.8	23	1	US-10-011-833A-318
C 98	15.2	1.8	23	1	US-10-006-041A-318
C 99	15.2	1.8	23	1	US-10-015-822A-318
C 100	15.2	1.8	23	1	US-09-978-244A-79
C 101	15.2	1.8	20	1	US-10-303-420-48
C 102	15.2	1.8	21	1	US-10-318-855-7
C 103	15.2	1.8	23	1	US-09-946-374-318
C 104	15.2	1.8	23	1	US-10-015-395A-318
C 105	15.2	1.8	23	1	US-10-006-485A-318
C 106	15.2	1.8	23	1	US-10-013-907A-318

34	15.2	1.8	23	1	US-10-015-387A-318	Sequence 318, App
35	15.2	1.8	23	1	US-10-006-130A-318	Sequence 318, App
36	15.2	1.8	23	1	US-10-006-172A-318	Sequence 318, App
37	15.2	1.8	23	1	US-10-017-253A-318	Sequence 318, App
38	15.2	1.8	23	1	US-10-015-392A-318	Sequence 318, App
39	15.2	1.8	23	1	US-10-017-306A-318	Sequence 318, App
40	15.2	1.8	23	1	US-10-017-867A-318	Sequence 318, App
41	15.2	1.8	23	1	US-10-012-064A-318	Sequence 318, App
42	15.2	1.8	23	1	US-10-013-909A-318	Sequence 318, App
43	15.2	1.8	23	1	US-10-015-610A-318	Sequence 318, App
44	15.2	1.8	23	1	US-10-012-137A-318	Sequence 318, App
45	15.2	1.8	23	1	US-10-012-752A-318	Sequence 318, App
46	15.2	1.8	23	1	US-10-013-754A-318	Sequence 318, App
47	15.2	1.8	23	1	US-10-013-910A-318	Sequence 318, App
48	15.2	1.8	23	1	US-10-013-911A-318	Sequence 318, App
49	15.2	1.8	23	1	US-10-013-912A-318	Sequence 318, App
50	15.2	1.8	23	1	US-10-015-653A-318	Sequence 318, App
51	15.2	1.8	23	1	US-10-012-101B-318	Sequence 318, App
52	15.2	1.8	23	1	US-10-015-480A-318	Sequence 318, App
53	15.2	1.8	23	1	US-10-015-715A-318	Sequence 318, App
54	15.2	1.8	23	1	US-10-012-237A-318	Sequence 318, App
55	15.2	1.8	23	1	US-10-013-906A-318	Sequence 318, App
56	15.2	1.8	23	1	US-10-015-388A-318	Sequence 318, App
57	15.2	1.8	23	1	US-10-012-753A-318	Sequence 318, App
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59	15.2	1.8	23	1	US-10-007-236A-318	Sequence 318, App
60	15.2	1.8	23	1	US-10-015-385A-318	Sequence 318, App
61	15.2	1.8	23	1	US-10-015-389A-318	Sequence 318, App
62	15.2	1.8	23	1	US-10-015-518A-318	Sequence 318, App
63	15.2	1.8	23	1	US-10-013-915A-318	Sequence 318, App
64	15.2	1.8	23	1	US-10-015-394A-318	Sequence 318, App
65	15.2	1.8	23	1	US-10-015-390A-318	Sequence 318, App
66	15.2	1.8	23	1	US-10-006-746A-318	Sequence 318, App
67	15.2	1.8	23	1	US-10-011-795A-318	Sequence 318, App
68	15.2	1.8	23	1	US-10-012-231A-318	Sequence 318, App
C 69	15	1.8	21	1	US-09-864-636A-2510	Sequence 2510, App
C 70	15	1.8	21	1	US-09-864-426A-2514	Sequence 2510, App
C 71	15	1.8	21	1	US-10-084-839-2510	Sequence 2510, App
C 72	15	1.8	22	1	US-09-864-636A-2514	Sequence 2514, App
C 73	15	1.8	22	1	US-10-084-839-2514	Sequence 2514, App
C 74	15	1.8	22	1	US-10-060-998-2097	Sequence 2097, App
C 75	15	1.8	25	1	US-10-060-998-2098	Sequence 2098, App
C 76	15	1.8	25	1	US-10-060-998-2099	Sequence 2099, App
C 77	15	1.8	25	1	US-10-210-589-50	Sequence 50, Appl
C 78	14.8	1.8	20	1	US-10-160-497-52	Sequence 52, Appl
C 79	14.8	1.8	20	1	US-10-160-497-52	Sequence 113, Appl
C 80	14.8	1.8	20	1	US-10-348-750-32	Sequence 52, Appl
C 81	14.8	1.8	20	1	US-10-348-750-32	Sequence 113, Appl
C 82	14.8	1.8	20	1	US-09-792-818-389	Sequence 13, Appl
C 83	14.6	1.7	21	1	US-10-220-418-13	Sequence 13, Appl
C 84	14.6	1.7	21	1	US-10-284-569-11	Sequence 11, Appl
C 85	14.6	1.7	23	1	US-09-792-818-389	Sequence 388, App
C 86	14.4	1.7	17	1	US-09-818-875-35	Sequence 389, App
C 87	14.4	1.7	17	1	US-09-818-875-35	Sequence 35, Appl
C 88	14.4	1.7	17	1	US-09-818-875-35	Sequence





c 253 12 1.4 20 1 US-10-349-143-10283 Sequence 10283, A  
 254 12 1.4 20 1 US-10-289-762-1961 Sequence 1961, Ap  
 255 11.8 1.4 17 1 US-09-792-818-391 Sequence 391, App  
 256 11.8 1.4 17 1 US-10-072-012-989 Sequence 989, App  
 257 11.8 1.4 17 1 US-10-156-306-4467 Sequence 4467, Ap  
 258 11.8 1.4 17 1 US-10-156-306-5969 Sequence 5969, Ap  
 259 11.8 1.4 17 1 US-10-061-201-494 Sequence 494, App  
 260 11.8 1.4 17 1 US-10-061-201-495 Sequence 495, App  
 261 11.8 1.4 17 1 US-09-792-818-617 Sequence 617, App  
 262 11.8 1.4 17 1 US-09-780-164-606 Sequence 606, App  
 263 11.8 1.4 17 1 US-10-061-201-494 Sequence 493, App  
 264 11.8 1.4 17 1 US-09-726-774-137 Sequence 137, App  
 265 11.8 1.4 18 1 US-09-880-732-51 Sequence 51, Appl  
 266 11.8 1.4 18 1 US-09-726-774-136 Sequence 136, App  
 267 11.8 1.4 19 1 US-10-617-217A-217 Sequence 217, App  
 268 11.8 1.4 19 1 US-10-617-217A-218 Sequence 218, App  
 269 11.8 1.4 19 1 US-09-726-774-131 Sequence 131, App  
 270 11.8 1.4 20 1 US-09-919-197-42 Sequence 42, Appl  
 271 11.8 1.4 20 1 US-10-280-183A-538 Sequence 538, App  
 272 11.8 1.4 20 1 US-09-972-607-68 Sequence 68, Appl  
 273 11.8 1.4 20 1 US-10-380-127A-84 Sequence 84, Appl  
 274 11.8 1.4 20 1 US-10-628-841-68 Sequence 68, Appl  
 275 11.8 1.4 20 1 US-10-131-544-52 Sequence 52, Appl  
 276 11.8 1.4 20 1 US-10-114-683A-52 Sequence 52, Appl  
 277 11.8 1.4 20 1 US-10-289-762-4787 Sequence 4787, Ap  
 278 11.8 1.4 21 1 US-09-829-936A-17 Sequence 17, Appl  
 279 11.6 1.4 18 1 US-09-809-920-19 Sequence 19, Appl  
 280 11.6 1.4 18 1 US-09-771-730-129 Sequence 129, App  
 281 11.6 1.4 18 1 US-10-198-235-27 Sequence 27, Appl  
 282 11.6 1.4 18 1 US-10-440-850-1128 Sequence 1128, Ap

## ALIGNMENTS

RESULT 1  
 US-09-978-244A-79/c  
 ; Sequence 79, Application US/09978244A  
 ; Publication No. US20030103992A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Lu, Peter S  
 ; APPLICANT: Garman, Jonathan D.  
 ; APPLICANT: Candia III, Albert F.  
 ; APPLICANT: Arbor Vita Corporation  
 ; TITLE OF INVENTION: CLASP MEMBRANE PROTEINS  
 ; FILE REFERENCE: 020554-000161US  
 ; CURRENT APPLICATION NUMBER: US/09/978,244A  
 Query Match 1.9%; Score 15.6; DB 1; Length 24;  
 Best Local Similarity 81.8%; Pred. No. 26;  
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 395 CACACACACCTGCTCCAGCAG 416  
 Db 24 CATCCGACACTGCTCCAGCAG 3  
 RESULT 2  
 US-10-303-420-48  
 ; Sequence 48, Application US/10303420  
 ; Publication No. US20040102398A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brett P. Monia  
 ; APPLICANT: Kenneth W. Dobie  
 ; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION  
 ; FILE REFERENCE: RTS-0417  
 ; CURRENT APPLICATION NUMBER: US/10/303,420  
 ; CURRENT FILING DATE: 2002-11-23  
 ; NUMBER OF SEQ ID NOS: 271  
 Query Match 1.8%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 22;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGCAGC 418  
 Db 1 CAGAGCCTGGTCCAGCAGC 20  
 RESULT 3  
 US-10-318-855-7/c  
 ; Sequence 7, Application US/10318855  
 ; Publication No. US20040054158A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Vincent Ling  
 ; APPLICANT: Kyriaki Dunussi-Joannopoulos  
 ; TITLE OF INVENTION: NOVEL GL50 MOLECULES AND USES THEREFOR  
 ; FILE REFERENCE: GNN-007  
 ; CURRENT APPLICATION NUMBER: US/10/318,855  
 ; CURRENT FILING DATE: 2002-12-12  
 ; PRIOR APPLICATION NUMBER: US/09/667,135  
 Query Match 1.8%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 25;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 782 GTGTGAGCGCAACTGCGAG 801  
 Db 20 GTGCGAGCGCAGACTGCGGG 1  
 RESULT 4  
 US-09-946-374-318  
 ; Sequence 318, Application US/09946374  
 ; Publication No. US20030073129A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
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 Db 3 CTGAAGCTGCCAGATGGCTC 22  
 RESULT 5  
 US-10-015-395A-318  
 ; Sequence 318, Application US/10015395A  
 ; Publication No. US20040073015A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22  
 RESULT 6

US-10-006-485A-318  
 ; Sequence 318, Application US/10006485A  
 ; Publication No. US20030064062A1  
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 ||||| ||||| ||||| ||||| |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 7

US-10-013-907A-318  
 ; Sequence 318, Application US/10013907A  
 ; Publication No. US20030064925A1  
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 ||||| ||||| ||||| ||||| |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 8

US-10-015-499A-318  
 ; Sequence 318, Application US/10015499A  
 ; Publication No. US20030065142A1  
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 ||||| ||||| ||||| ||||| |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 9

US-10-226-254A-318  
 ; Sequence 318, Application US/10226254A  
 ; Publication No. US20030224478A1  
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 ||||| ||||| ||||| ||||| |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 10

US-10-006-856A-318  
 ; Sequence 318, Application US/10006856A  
 ; Publication No. US20030044841A1  
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 ||||| ||||| ||||| ||||| |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 11

US-10-006-818A-318  
 ; Sequence 318, Application US/10006818A  
 ; Publication No. US20030054406A1  
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 ||||| ||||| ||||| ||||| |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 12

US-10-015-393A-318  
 ; Sequence 318, Application US/10015393A  
 ; Publication No. US20030069179A1  
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 13

US-10-015-869A-318  
 ; Sequence 318, Application US/10015869A  
 ; Publication No. US20030073130A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 14

US-10-012-121A-318  
 ; Sequence 318, Application US/10012121A  
 ; Publication No. US20030073810A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 15

US-10-006-116A-318  
 ; Sequence 318, Application US/10006116A  
 ; Publication No. US2003008262A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 16

US-10-006-117A-318  
 ; Sequence 318, Application US/10006117A  
 ; Publication No. US2003008282A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 17

US-10-017-527A-318  
 ; Sequence 318, Application US/10017527A  
 ; Publication No. US2003008282A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 18

US-10-013-913A-318  
 ; Sequence 318, Application US/10013913A  
 ; Publication No. US20030083462A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 19

US-10-007-194A-318  
 ; Sequence 318, Application US/10007194A  
 ; Publication No. US20030092061A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David

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; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 20
US-10-013-430A-318
; Sequence 318, Application US/10013430A
; Publication No. US20030092883A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 21
US-10-011-671A-318
; Sequence 318, Application US/10011671A
; Publication No. US20030096954A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 22
US-10-012-755A-318
; Sequence 318, Application US/10012755A
; Publication No. US20030096955A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 23
US-10-015-386A-318
; Sequence 318, Application US/10015386A
; Publication No. US20030099625A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 24
US-10-011-692A-318
; Sequence 318, Application US/10011692A
; Publication No. US20030109672A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 25
US-10-006-768A-318
; Sequence 318, Application US/10006768A
; Publication No. US20030113793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 26
US-10-006-768A-318
; Sequence 318, Application US/10006768A
; Publication No. US20030113793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

```

RESULT 26  
 US-10-017-610A-318  
 ; Sequence 318, Application US/10017610A  
 ; Publication No. US20030113795A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 27  
 US-10-006-063A-318  
 ; Sequence 318, Application US/10006063A  
 ; Publication No. US20030114652A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 28  
 US-10-020-063A-318  
 ; Sequence 318, Application US/10020063A  
 ; Publication No. US20030113097A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 29  
 US-10-015-391A-318  
 ; Sequence 318, Application US/10015391A  
 ; Publication No. US20030120053A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 30  
 US-10-017-407A-318  
 ; Sequence 318, Application US/10017407A  
 ; Publication No. US20030125535A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 31  
 US-10-011-833A-318  
 ; Sequence 318, Application US/10011833A  
 ; Publication No. US20030129650A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 32  
 US-10-006-041A-318  
 ; Sequence 318, Application US/10006041A  
 ; Publication No. US20030130490A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 33

US-10-015-822A-318  
 ; Sequence 318, Application US/10015822A  
 ; Publication No. US20030130491A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 34

US-10-015-387A-318  
 ; Sequence 318, Application US/10015387A  
 ; Publication No. US20030135034A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 35

US-10-006-130A-318  
 ; Sequence 318, Application US/10006130A  
 ; Publication No. US20030148375A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 36

US-10-006-172A-318  
 ; Sequence 318, Application US/10006172A  
 ; Publication No. US20030153000A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 37

US-10-017-253A-318  
 ; Sequence 318, Application US/10017253A  
 ; Publication No. US20030166055A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 38

US-10-015-392A-318  
 ; Sequence 318, Application US/10015392A  
 ; Publication No. US20030168901A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 |||||  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

## RESULT 39

US-10-017-306A-318  
 ; Sequence 318, Application US/10017306A  
 ; Publication No. US20030170718A1  
 ; GENERAL INFORMATION:

```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 40
US-10-017-867A-318
; Sequence 318, Application US/10017867A
; Publication No. US20030180792A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 41
US-10-012-064A-318
; Sequence 318, Application US/10012064A
; Publication No. US20030180836A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 42
US-10-013-909A-318
; Sequence 318, Application US/10013909A
; Publication No. US20030186318A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 43
US-10-015-671A-318
; Sequence 318, Application US/10015671A
; Publication No. US20030186319A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 44
US-10-015-610A-318
; Sequence 318, Application US/10015610A
; Publication No. US20030186361A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 45
US-10-012-137A-318
; Sequence 318, Application US/10012137A
; Publication No. US20030187189A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

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DB      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 46
US-10-012-752A-318
; Sequence 318, Application US/10012752A
; Publication No. US20030187190A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
DB      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 47
US-10-012-754A-318
; Sequence 318, Application US/10012754A
; Publication No. US20030187191A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
DB      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 48
US-10-013-910A-318
; Sequence 318, Application US/10013910A
; Publication No. US20030187192A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
DB      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 49
US-10-013-911A-318
; Sequence 318, Application US/10013911A
; Publication No. US20030187193A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
DB      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 50
US-10-013-912A-318
; Sequence 318, Application US/10013912A
; Publication No. US20030187194A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
DB      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 51
US-10-015-653A-318
; Sequence 318, Application US/10015653A
; Publication No. US20030187195A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
DB      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 52
US-10-012-101B-318
; Sequence 318, Application US/10012101B
; Publication No. US20030187239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGATGGATC 688
DB      3 CTGAAGCTGCCAGATGGCTC 22

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; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 53
US-10-015-480A-318
; Sequence 318, Application US/10015480A
; Publication No. US20030190667A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 54
US-10-015-715A-318
; Sequence 318, Application US/10015715A
; Publication No. US20030190668A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 55
US-10-012-237A-318
; Sequence 318, Application US/1001237A
; Publication No. US20030191281A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 56
US-10-013-906A-318
; Sequence 318, Application US/10013906A
; Publication No. US20030191282A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 57
US-10-015-388A-318
; Sequence 318, Application US/10015388A
; Publication No. US20030191299A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 58
US-10-012-753A-318
; Sequence 318, Application US/10012753A
; Publication No. US20030195334A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 59
US-10-015-385A-318
; Sequence 318, Application US/10015385A
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Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 56
US-10-013-906A-318
; Sequence 318, Application US/10013906A
; Publication No. US20030191282A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 57
US-10-015-388A-318
; Sequence 318, Application US/10015388A
; Publication No. US20030191299A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 58
US-10-012-753A-318
; Sequence 318, Application US/10012753A
; Publication No. US20030195334A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

Query Match      1.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 CTGAAGCTCAGATGGATC 688
Db      3 CTGAAGCTGCCAGATGGCTC 22

RESULT 59
US-10-015-385A-318
; Sequence 318, Application US/10015385A
```



QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 66  
 US-10-066-746A-318  
 ; Sequence 318, Application US/10006746A  
 ; Publication No. US20030220471A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 67  
 US-10-011-795A-318  
 ; Sequence 318, Application US/10011795A  
 ; Publication No. US20040005626A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 68  
 US-10-012-231A-318  
 ; Sequence 318, Application US/10012231A  
 ; Publication No. US20040014130A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang

Query Match 1.8%; Score 15.2; DB 1; Length 23;  
 Best Local Similarity 85.0%; Pred. No. 31;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGATGGATC 688  
 Db 3 CTGAAGCTGCCAGATGGCTC 22

RESULT 69  
 US-09-864-636A-2510/c

; Sequence 2510, Application US/09864636A  
 ; Publication No. US20030104378A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Third Wave Technologies  
 ; APPLICANT: Allwai, Hatim  
 ; APPLICANT: Bartholomay, Christian  
 ; APPLICANT: Chehak, LuAnne  
 ; TITLE OF INVENTION: Detection of RNA Sequences  
 ; FILE REFERENCE: FORS-04944  
 ; CURRENT APPLICATION NUMBER: US/09/864,636A

Query Match 1.8%; Score 15; DB 1; Length 21;  
 Best Local Similarity 100.0%; Pred. No. 29;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 778 AGAAGTGTGAGCGCA 792  
 Db 18 AGAAGTGTGAGCGCA 4

RESULT 70  
 US-09-864-426A-2510/c  
 ; Sequence 2510, Application US/09864426A  
 ; Publication No. US20040018489A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Third Wave Technologies  
 ; APPLICANT: Ma, Wu Po  
 ; APPLICANT: Lyamichev, Victor  
 ; APPLICANT: Saiser, Michael  
 ; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences  
 ; FILE REFERENCE: FORS-04946  
 ; CURRENT APPLICATION NUMBER: US/09/864,426A

Query Match 1.8%; Score 15; DB 1; Length 21;  
 Best Local Similarity 100.0%; Pred. No. 29;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 778 AGAAGTGTGAGCGCA 792  
 Db 18 AGAAGTGTGAGCGCA 4

RESULT 71  
 US-10-084-839-2510/c  
 ; Sequence 2510, Application US/10084839  
 ; Publication No. US20030186238A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Third Wave Technologies  
 ; APPLICANT: Allwai, Hatim  
 ; APPLICANT: Argue, Brad T.  
 ; APPLICANT: Bartholomay, Christian T.  
 ; APPLICANT: Chehak, LuAnne  
 ; APPLICANT: Curtis, Michelle L.  
 ; APPLICANT: Eis, Peggy S.

Query Match 1.8%; Score 15; DB 1; Length 21;  
 Best Local Similarity 100.0%; Pred. No. 29;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 778 AGAAGTGTGAGCGCA 792  
 Db 18 AGAAGTGTGAGCGCA 4

RESULT 72  
 US-09-864-636A-2514/c  
 ; Sequence 2514, Application US/09864636A  
 ; Publication No. US20030104378A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Third Wave Technologies  
 ; APPLICANT: Allwai, Hatim  
 ; APPLICANT: Bartholomay, Christian  
 ; APPLICANT: Chehak, LuAnne

Fri Jul 30 10:32:12 2004

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; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A

Query Match
Best Local Similarity 100.0%; Pred. No. 33; Length 22;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 778 AGAAGTGTGAGCGCA 792
Db 19 AGAAGTGTGAGCGCA 5

RESULT 73
US-10-060-998-2097/c
; Sequence 2514, Application US/09864426A
; Publication No. US20040019483A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A

Query Match
Best Local Similarity 100.0%; Pred. No. 33; Length 22;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 778 AGAAGTGTGAGCGCA 792
Db 19 AGAAGTGTGAGCGCA 5

RESULT 74
US-10-084-939-2514/c
; Sequence 2514, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chenak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.

Query Match
Best Local Similarity 100.0%; Pred. No. 33; Length 22;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 778 AGAAGTGTGAGCGCA 792
Db 19 AGAAGTGTGAGCGCA 5

RESULT 75
US-10-060-998-2097/c
; Sequence 2097, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

Query Match
Best Local Similarity 78.3%; Pred. No. 45; Length 25;
Matches 18; Conservative 0; Mismatches 5; Indels 5; Gaps 0;

QY 778 AGAAGTGTGAGCGCA 792
Db 19 AGAAGTGTGAGCGCA 5

RESULT 76
US-10-060-998-2098/c
; Sequence 2098, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

Query Match
Best Local Similarity 78.3%; Pred. No. 45; Length 25;
Matches 18; Conservative 0; Mismatches 5; Indels 5; Gaps 0;

QY 757 AGGAGATGGCAGAACTGGAGAAG 779
Db 24 AGGAGATGGCAGTTCCCAAGAAG 2

RESULT 77
US-10-060-998-2099/c
; Sequence 2099, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

Query Match
Best Local Similarity 78.3%; Pred. No. 45; Length 25;
Matches 18; Conservative 0; Mismatches 5; Indels 5; Gaps 0;

QY 757 AGGAGATGGCAGAACTGGAGAAG 779
Db 24 AGGAGATGGCAGTTCCCAAGAAG 2

RESULT 78
US-10-210-589-50/c
; Sequence 50, Application US/10210589
; Publication No. US20040023381A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Deane
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP2R1A EXPRESSION
; FILE REFERENCE: PTS-0041
; CURRENT APPLICATION NUMBER: US/10/210,589
; CURRENT FILING DATE: 2002-07-30

Query Match
Best Local Similarity 88.9%; Pred. No. 30; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 2; Gaps 0;

QY 466 AGCTCCAGGAAGTTGGCA 483
Db 18 AGCTCCAGGACCTTGGCA 1

RESULT 79

```

Query Match 1.7%; Score 14.6; DB 1; Length 23;  
Best Local Similarity 81.0%; Pred. No. 50;

```
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 248 CTTGAGGACTTAGACAGAG 268
Db 3 CTTGAGGAGTACGATGAG 23

RESULT 86
US-09-792-818-388/c
; Sequence 388, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGC 151
Db 17 CTGCTGTGGGGCTGC 2

RESULT 87
US-09-792-818-389/c
; Sequence 389, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGC 151
Db 16 CTGCTGTGGGGCTGC 1

RESULT 88
US-09-818-875-35
; Sequence 35, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740
Db 1 GGAGGTGCGGTACAGT 16

RESULT 89
US-09-818-875-36/c
; Sequence 36, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740
Db 17 GGAGGTGCGGTACAGT 2

RESULT 90
US-09-818-875-39
; Sequence 39, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740
Db 1 GGAGGTGCGGTACAGT 16

RESULT 91
US-09-818-875-40/c
; Sequence 40, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875

Query Match 1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740
Db 1 GGAGGTGCGGTACAGT 16

RESULT 92
US-09-818-875-43
; Sequence 43, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
```

; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875

Query Match 1.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 27;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740

Db 2 GGAGGTGCGGTACAGT 17

RESULT 93

US-10-209-787-44/c  
; Sequence 44, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875

Query Match 1.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 27;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740

Db 16 GGAGGTGCGGTACAGT 1

RESULT 94

US-10-209-787-35  
; Sequence 35, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787

Query Match 1.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 27;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740

Db 1 GGAGGTGCGGTACAGT 16

RESULT 95

US-10-209-787-36/c  
; Sequence 36, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787

Query Match 1.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 27;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740

Db 17 GGAGGTGCGGTACAGT 2

RESULT 96

US-10-209-787-39  
; Sequence 39, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787

Query Match 1.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 27;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740

Db 1 GGAGGTGCGGTACAGT 16

RESULT 97

US-10-209-787-40/c  
; Sequence 40, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787

Query Match 1.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 27;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740

Db 17 GGAGGTGCGGTACAGT 2

RESULT 98

US-10-209-787-43  
; Sequence 43, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787

Query Match 1.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 27;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740

Db 2 GGAGGTGCGGTACAGT 17

```

RESULT 99
US-10-209-787-44/c
; Sequence 44, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787

Query Match      1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
Db      16 GGAGTGCGGTACAGT 1

RESULT 100
US-10-261-185-35
; Sequence 35, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185

Query Match      1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
Db      16 GGAGTGCGGTACAGT 1

RESULT 101
US-10-261-185-36/c
; Sequence 36, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185

Query Match      1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
Db      1 GGAGTGCGGTACAGT 16

RESULT 102
US-10-261-185-39
; Sequence 39, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185

Query Match      1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
Db      17 GGAGTGCGGTACAGT 2

RESULT 103
US-10-261-185-40/c
; Sequence 40, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185

Query Match      1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
Db      1 GGAGTGCGGTACAGT 16

RESULT 104
US-10-261-185-43
; Sequence 43, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185

Query Match      1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
Db      17 GGAGTGCGGTACAGT 2

RESULT 105
US-10-261-185-44/c
; Sequence 44, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185

Query Match      1.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 27;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
Db      2 GGAGTGCGGTACAGT 17

```





APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Jarvis, Thale

APPLICANT: Von Carlowitz, Ira

APPLICANT: McSwiggen, Jim

APPLICANT: Hamblin, Paul

APPLICANT: Ellis, Jonathan

TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse

Query Match 1.7%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 43;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 137 TGGTTGGGGGCTGCAG 153

Db 17 TGGTTGGGGGCTGCAG 1

RESULT 113

US-09-792-818-386/c

; Sequence 386, Application US/09792818

; Publication No. US20030134806A1

; GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Jarvis, Thale

APPLICANT: Von Carlowitz, Ira

APPLICANT: McSwiggen, Jim

APPLICANT: Hamblin, Paul

APPLICANT: Ellis, Jonathan

TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse

Query Match 1.7%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 43;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 138 GCTTTGGGGGCTGCAGC 154

Db 17 GCTTTGGGGGCTGCAGC 1

RESULT 114

US-09-866-108-8382/c

; Sequence 8382, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

Query Match 1.7%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 43;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 402 ACCCTGCTCCAGCAGC 418

Db 17 ACTCTGCTCCAGCTGCG 1

RESULT 115

US-09-866-108-8383/c

; Sequence 8383, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

Query Match 1.7%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 43;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGCAGG 417

Db 17 CACTGCTCCAGCTGG 1

RESULT 116

US-09-866-108-8381/c

; Sequence 8381, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

Query Match

1.7%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 43;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCTGTCTCCAGCAGGCT 419

Db 17 CTCTGCTCCAGCTGGCT 1

RESULT 117

US-09-866-108-8379/c

; Sequence 8379, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

Query Match

1.7%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 43;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGCTCT 421

Db 17 CTGCTCCAGCTGGCTGT 1

RESULT 118

US-09-961-077-147

; Sequence 147, Application US/09961077

; Publication No. US20030014775A1

; GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.

Edington, Brent B.

McSwiggen, James A.

Merlo, Patricia Ann Owens

Guo, Lining

Skokut, Thomas A.

Young, Scott A.

Query Match

1.7%; Score 13.8; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 43;

Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 776 GAAGAAGTGTGAGCGCA 792

|||||: |||||

```

Db      1 GAAGAAGUUGAGCGCA 17

RESULT 119
US-09-784-674-111
; Sequence 111, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; Delenstart, Glenda C.
; Webb, Peter G.
; Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; probe sequences

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 43;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      133 TGTCTGCTTTGGGGGCT 149
Db      1 TGTCTGTTTGGGGGAT 17

RESULT 120
US-09-740-332-2165
; Sequence 2165, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 43;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      263 CAGGAGCACCTTCAGAA 279
Db      1 CAGGAGCAACUUGAGAA 17

RESULT 121
US-09-740-332-2390/c
; Sequence 2390, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 43;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      264 AGGAGCACCTTCAGAA 280
Db      17 AGGAGCAACTTGAGAA 1

RESULT 122
US-09-817-879-2165
; Sequence 2165, Application US/09817879
; Publication No. US2003017311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703

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; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MEHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 43;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      263 CAGGAGCACCTTCAGAA 279
Db      1 CAGGAGCAACUUGAGAA 17

RESULT 123
US-09-817-879-2390/c
; Sequence 2390, Application US/09817879
; Publication No. US2003017311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MEHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 43;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      264 AGGAGCACCTTCAGAA 280
Db      17 AGGAGCAACTTGAGAA 1

RESULT 124
US-10-203-224-20/c
; Sequence 20, Application US/10203224
; Publication No. US20030086945A1
; GENERAL INFORMATION:
; APPLICANT: COLLINS, James E.
; APPLICANT: FAABERG, Kay S.
; APPLICANT: ROSSOW, Kurt D.
; TITLE OF INVENTION: PROCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS AND
; TITLE OF INVENTION: METHODS OF USE
; FILE REFERENCE: 110.01250101
; CURRENT APPLICATION NUMBER: US/10/203,224

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 43;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      260 AGACGAGGAGCACCTTCA 276
Db      17 AGACGAGGAGCACCTTCA 1

RESULT 125
US-10-303-420-14/c
; Sequence 14, Application US/10303420
; Publication No. US20040102398A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION
; FILE REFERENCE: RTS-0417
; CURRENT APPLICATION NUMBER: US/10/303,420
; CURRENT FILING DATE: 2002-11-23

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; NUMBER OF SEQ ID NOS: 271
Query Match      1.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 50;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 786 GAGCGCAAACTGCAGGA 802
    ||||| ||||| |||||
Db 17 GAGCGCAACTGCGGGA 1

RESULT 126
US-10-319-908-54/c
; Sequence 54, Application US/10319908
; Publication No. US20040115650A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MADI-LIKE 1 EXPRESSION
; FILE REFERENCE: R1S-0455
; CURRENT APPLICATION NUMBER: US/10/319,908
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 140

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 66;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 756 AAGGAGATGCGAGAACT 772
    ||||| ||||| |||||
Db 17 AAGGAGGTGCGAGACT 1

RESULT 127
US-09-923-517-99/c
; Sequence 99, Application US/09923517
; Publication No. US20030194738A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; TITLE OF INVENTION: Antisense Oligonucleotide
; Compositions and Methods for the Modulation of
; Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 66;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 615 GCCATCTCCACGAGCCG 631
    ||||| ||||| |||||
Db 18 GCCATCTCCACGAGCCG 2

RESULT 128
US-10-430-196-99/c
; Sequence 99, Application US/10430196
; Publication No. US20030194738A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; TITLE OF INVENTION: Antisense Oligonucleotide
; Compositions and Methods for the Modulation of
; Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 66;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 615 GCCATCTCAAACGAGCCG 631
    ||||| ||||| |||||
Db 18 GCCATCTCAAACGAGCCG 2

; NUMBER OF SEQ ID NOS: 271
Query Match      1.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 50;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 786 GAGCGCAAACTGCAGGA 802
    ||||| ||||| |||||
Db 17 GAGCGCAACTGCGGGA 1

RESULT 129
US-10-456-881-22/c
; Sequence 22, Application US/10456881
; Publication No. US20040053303A1
; GENERAL INFORMATION:
; APPLICANT: Rudolph, Leibel L.
; APPLICANT: Chung, Wendy K.
; APPLICANT: Phan, Loan K.
; TITLE OF INVENTION: MAHOANOID POLYPEPTIDES, AND RELATED COMPOSITIONS AND METHODS
; FILE REFERENCE: 0575/67513-A
; CURRENT APPLICATION NUMBER: US/10/456,881
; CURRENT FILING DATE: 2003-06-06

Query Match      1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 74;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGGCAGA 769
    ||||| ||||| |||||
Db 19 CTGAAGGAGATGGGAGA 3

RESULT 130
US-10-274-085-64/c
; Sequence 64, Application US/10274085
; Publication No. US20040077570A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Sanjay Bharot
; TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
; FILE REFERENCE: ISPH-0714
; CURRENT APPLICATION NUMBER: US/10/274,085
; CURRENT FILING DATE: 2002-10-17

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 77;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGCTCTCCG 424
    ||||| ||||| |||||
Db 20 CTGCTGGAGCAGGCGCTCCG 1

RESULT 131
US-10-274-085-172
; Sequence 172, Application US/10274085
; Publication No. US20040077570A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Sanjay Bharot
; TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
; FILE REFERENCE: ISPH-0714
; CURRENT APPLICATION NUMBER: US/10/274,085
; CURRENT FILING DATE: 2002-10-17

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 77;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGCTCTCCG 424
    ||||| ||||| |||||
Db 1 CTGCTGGAGCAGGCGCTCCG 20

RESULT 132
US-10-174-456-70/c
; Sequence 70, Application US/10174456
```

; Publication No. US20030235910A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 49 EXPRESSION  
; FILE REFERENCE: RTS-0374  
; CURRENT APPLICATION NUMBER: US/10/174,456  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 139

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 77;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 758 GGAGATGGCAGACTGGAGA 777  
Db 20 GGACAGGGAGACCTGGAGA 1

RESULT 133  
US-10-174-456-127  
; Sequence 127, Application US/10174456  
; Publication No. US20030235910A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 49 EXPRESSION  
; FILE REFERENCE: RTS-0374  
; CURRENT APPLICATION NUMBER: US/10/174,456  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 139

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 77;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 758 GGAGATGGCAGACTGGAGA 777  
Db 1 GGACAGGGAGACCTGGAGA 20

RESULT 134  
US-10-215-112-7661/c  
; Sequence 7661, Application US/10215112  
; Publication No. US20030082596A1  
; GENERAL INFORMATION:  
; APPLICANT: Michael Mittmann  
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:  
; FILE REFERENCE: Test3  
; CURRENT APPLICATION NUMBER: US/10/215,112  
; CURRENT FILING DATE: 2002-08-08  
; NUMBER OF SEQ ID NOS: 14936

Query Match 1.6%; Score 13.6; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 1.4e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 761 GATGGCAGACTGGAGAGA 780  
Db 25 GATGACAGATCTGGAACAGA 6

RESULT 135  
US-10-098-263B-127568/c  
; Sequence 127568, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Mattman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08

; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16

Query Match 1.6%; Score 13.6; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 1.4e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 761 GATGGCAGACTGGAGAGA 780  
Db 25 GATGACAGATCTGGAACAGA 6

RESULT 136  
US-09-792-818-390/c  
; Sequence 390, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insertion  
; Query Match 1.6%; Score 13.4; DB 1; Length 17;  
; Best Local Similarity 93.3%; Pred. No. 59;  
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTG 150  
Db 15 CTGCTGTGGGGCTG 1

RESULT 137  
US-09-866-108-8380/c  
; Sequence 8380, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; Query Match 1.6%; Score 13.4; DB 1; Length 17;  
; Best Local Similarity 93.3%; Pred. No. 59;  
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGCT 419  
Db 16 CTGCTCCAGCTGGCT 2

RESULT 138  
US-10-180-781-29/c  
; Sequence 29, Application US/10180781  
; Publication No. US20030180880A1  
; GENERAL INFORMATION:  
; APPLICANT: Tanzi, Rudolph E.  
; APPLICANT: Schellenberg, Gerard D.  
; APPLICANT: Wasco, Wilma  
; APPLICANT: Levy-Lahad, Ephrat  
; APPLICANT: Bird, Thomas D.  
; APPLICANT: Galas, David J.  
; TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO  
; Query Match 1.6%; Score 13.4; DB 1; Length 19;  
; Best Local Similarity 93.3%; Pred. No. 79;  
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY 418 CTCCTCGGCTGCCCC 432
Db 17 CTCCTCGTCTGCCCC 3

RESULT 139
US-10-180-781-43/c
; Sequence 43, Application US/10180781
; Publication No. US2003018080A1
; GENERAL INFORMATION:
; APPLICANT: Tanzi, Rudolph E.
; Schellenberg, Gerard D.
; Wasco, Wilma
; Levy-Lahad, Ephrat
; Bird, Thomas D.
; Galas, David J.
; TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO

Query Match 1.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 79;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 418 CTCCTCGGCTGCCCC 432
Db 17 CTCCTCGTCTGCCCC 3

RESULT 140
US-10-098-263B-118959
; Sequence 118959, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16

Query Match 1.6%; Score 13.4; DB 1; Length 25;
Best Local Similarity 73.9%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 255 GACCTAGACAGGACGCTTCAG 277
Db 3 GACCGAGACAGGTCGCCGTTGAG 25

RESULT 141
US-09-774-381-11
; Sequence 11, Application US/09774381
; Publication No. US20030082677A1
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: McCarthy, Sean A.
; APPLICANT: Pan, Yang
; APPLICANT: Gearing, David P.
; TITLE OF INVENTION: NOVEL EDIIP, MTR-1, LSP-1, TAP-1, AND PA-I MOLECULES
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: MNI-107CP2

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 664 TGCAGCTGAGCTCAGCAG 681
Db 1 TGCAGGTGCAGCCACAG 18

RESULT 142
US-10-138-674-2170/c
; Sequence 116, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375

; Sequence 2170, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 187 GTGGCCGGGTGAGTTTCC 204
Db 18 GAGGCCAAGTCAGTTTCC 1

RESULT 143
US-10-287-949A-2170/c
; Sequence 2170, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 187 GTGGCCGGGTGAGTTTCC 204
Db 18 GAGGCCAAGTCAGTTTCC 1

RESULT 144
US-10-199-199-43/c
; Sequence 43, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGCTCTC 422
Db 20 CTGCTCCAGTCAGCCCTC 3

RESULT 145
US-10-199-199-116
; Sequence 116, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
```

```
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148

Query Match
  1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGCTCTC 422
Db 1 CTGCTCCAGCTGACCTC 18

RESULT 146
US-10-315-474-35/c
; Sequence 35, Application US/10315474
; Publication No. US20040110139A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0338
; CURRENT APPLICATION NUMBER: US/10/315,474
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156

Query Match
  1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 378 GCCGTCTCTGCTGGCGGC 395
Db 20 GCAGACCTGCTGGCAGGC 3

RESULT 147
US-10-315-474-107
; Sequence 107, Application US/10315474
; Publication No. US20040110139A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0338
; CURRENT APPLICATION NUMBER: US/10/315,474
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156

Query Match
  1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 378 GCCGTCTCTGCTGGCGGC 395
Db 1 GCAGACCTGCTGGCAGGC 18

RESULT 148
US-10-303-420-48/c
; Sequence 48, Application US/10303420
; Publication No. US20040102398A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION
; FILE REFERENCE: RTS-0417
; CURRENT APPLICATION NUMBER: US/10/303,420
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 271

Query Match
  1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148

Query Match
  1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 404 CTGCTCCAGCAGCTCT 421
Db 19 CTGCTGGACCGCTCT 2

RESULT 149
US-10-238-443-36/c
; Sequence 36, Application US/10238443
; Publication No. US2003008302A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQL5 EXPRESSION
; FILE REFERENCE: RTS-0203
; CURRENT APPLICATION NUMBER: US/10/238,443
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US/09/798,185

Query Match
  1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 383 CTGCTGGCGGCACACA 400
Db 20 CATGCAGCGTGCACACA 3

RESULT 150
US-10-309-362-36/c
; Sequence 36, Application US/10309362
; Publication No. US20030114412A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQL5 EXPRESSION
; FILE REFERENCE: RTS-0203
; CURRENT APPLICATION NUMBER: US/10/309,362
; CURRENT FILING DATE: 2002-12-03
; PRIOR APPLICATION NUMBER: US/09/798,185

Query Match
  1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 383 CTGCTGGCGGCACACA 400
Db 20 CATGCAGCGTGCACACA 3

RESULT 151
US-09-758-881-34/c
; Sequence 34, Application US/09758881
; Patent No. US20010029250A1
; GENERAL INFORMATION:
; APPLICANT: Kariya, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054

Query Match
  1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 273 TTCAGAAAGTTGTTGAAA 290
Db 18 TTCAGAACTTAATGAAA 1

RESULT 152
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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 499 TTGAGATTGGCCAG 514  
Db 16 TCGGTGATTGGCCAG 1

## RESULT 159

US-09-866-108-8384/c  
; Sequence 8384, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU. Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 95;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGTCGCCAGC 416  
Db 16 CACTGTGTCGCCAGT 1

## RESULT 160

US-09-825-805-408/c  
; Sequence 408, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 95;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 474 GAATTGGCATTCCTC 489  
Db 17 GTACTGGCATTCCTC 2

## RESULT 161

US-10-163-552-424/c  
; Sequence 424, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level  
; TITLE OF INVENTION: HER2  
; FILE REFERENCE: MEH01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 95;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 474 GAATTGGCATTCCTC 489  
Db 17 GTACTGGCATTCCTC 2

## RESULT 162

US-09-864-785-146  
; Sequence 146, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; TITLE OF INVENTION: Levels of NF-kappa B  
; FILE REFERENCE: 400/022 (MEH00-812-D)

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 95;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 420 CTCGGCTGCCCTG 435  
Db 2 CUCGGCUCGGCCUG 17

## RESULT 163

US-09-827-395A-893/c  
; Sequence 893, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G  
; FILE REFERENCE: MEH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 95;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCCTGCTCCAGGCG 418  
Db 17 CCCAGCTCCTCGAGGC 2

## RESULT 164

US-10-430-882-893/c  
; Sequence 893, Application US/10430882  
; Publication No. US20030203870A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; APPLICANT: Peter Haeberli  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor C  
; FILE REFERENCE: MEH00-878-H (400/112)

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 95;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCCTGCTCCAGGCG 418  
Db 17 CCCAGCTCCTCGAGGC 2

## RESULT 165

US-10-712-672-506  
; Sequence 506, Application US/10712672  
; Publication No. US20040102413A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Chowrira, Bharat

; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme  
; FILE REFERENCE: MEH00-882-C (400/319)  
; CURRENT APPLICATION NUMBER: US/10/712,672

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 95;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 142 TGGGGGCTCCAGCTCC 157  
DB 2 UGGGGGCGUCGUCG 17

RESULT 166

US-10-669-888A-54/c  
; Sequence 54, Application US/10569888A  
; Publication No. US20040107460A1  
; GENERAL INFORMATION:  
; APPLICANT: Joanne Fillatti.  
; APPLICANT: Neal Bringe  
; APPLICANT: Katayoon Dehesh  
; TITLE OF INVENTION: Nucleic Acid Constructs and Methods for Producing Altered Seed O  
; TITLE OF INVENTION: Nucleic Acid Constructs and Methods for Producing Altered Seed O  
; FILE REFERENCE: 16518.133  
; CURRENT APPLICATION NUMBER: US/10/669,888A

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 95;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 765 GCACACTGGAGAGA 780  
DB 17 GCACACTGGAGAGA 2

RESULT 167

US-09-880-732-49/c  
; Sequence 49, Application US/09880732  
; Patent No. US20020127561A1  
; GENERAL INFORMATION:  
; APPLICANT: GENICON SCIENCES CORPORATION  
; APPLICANT: BEE, Gary  
; APPLICANT: KOHNE, David E.  
; APPLICANT: KORB, Linda  
; APPLICANT: PETERSON, Todd  
; APPLICANT: YGUERABIDE, Juan  
; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE

Query Match 1.5%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 11e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGC 414  
DB 16 CACCCACTGCTCCAGC 1

RESULT 168

US-09-880-732-50/c  
; Sequence 50, Application US/09880732  
; Patent No. US20020127561A1  
; GENERAL INFORMATION:  
; APPLICANT: GENICON SCIENCES CORPORATION  
; APPLICANT: BEE, Gary  
; APPLICANT: KOHNE, David E.  
; APPLICANT: KORB, Linda  
; APPLICANT: PETERSON, Todd  
; APPLICANT: YGUERABIDE, Juan  
; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE

Query Match 1.5%; Score 12.8; DB 1; Length 19;

Best Local Similarity 87.5%; Pred. No. 1.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGC 414  
DB 16 CACCCACTGCTCCAGC 1

RESULT 169

US-10-090-011-38/c  
; Sequence 38, Application US/10090011  
; Publication No. US20030082810A1  
; GENERAL INFORMATION:  
; APPLICANT: Serup, Palle  
; APPLICANT: Heimberg, Harry  
; APPLICANT: Gradwohl, Gerard  
; TITLE OF INVENTION: Methods For Generating Insulin-Secreting  
; TITLE OF INVENTION: Cells Suitable for Transplantation  
; FILE REFERENCE: 6246.200-US  
; CURRENT APPLICATION NUMBER: US/10/090,011

Query Match 1.5%; Score 12.8; DB 1; Length 20;  
Best Local Similarity 87.5%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 181 CTCACAGTGGCGGT 196  
DB 16 GTCACCGTGGCGGT 1

RESULT 170

US-10-293-864-44/c  
; Sequence 44, Application US/10293864  
; Publication No. US20040092465A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION  
; FILE REFERENCE: RTS-0432  
; CURRENT APPLICATION NUMBER: US/10/293,864  
; CURRENT FILING DATE: 2002-11-11  
; NUMBER OF SEQ ID NOS: 165  
; SEQ ID NO 44

Query Match 1.5%; Score 12.8; DB 1; Length 20;  
Best Local Similarity 87.5%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGCAGGC 418  
DB 20 CCGAGCTGCAGCAGGC 5

RESULT 171

US-10-293-864-120  
; Sequence 120, Application US/10293864  
; Publication No. US20040092465A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION  
; FILE REFERENCE: RTS-0432  
; CURRENT APPLICATION NUMBER: US/10/293,864  
; CURRENT FILING DATE: 2002-11-11  
; NUMBER OF SEQ ID NOS: 165  
; SEQ ID NO 120

Query Match 1.5%; Score 12.8; DB 1; Length 20;  
Best Local Similarity 87.5%; Pred. No. 1.4e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGCAGGC 418  
DB 1 CCGAGCTGCAGCAGGC 16

```

RESULT 172
US-09-144-886-12
; Sequence 12, Application US/09144886
; Patent No. US20020155114A1
; GENERAL INFORMATION:
; APPLICANT: Marks, James D
; APPLICANT: Amersdorfer, Peter
; TITLE OF INVENTION: Therapeutic Monoclonal Antibodies That Neutralize
; TITLE OF INVENTION: Botulinum Neurotoxins
; FILE REFERENCE: 2500.117USO
; CURRENT APPLICATION NUMBER: US/09/144,886
; CURRENT FILING DATE: 1998-08-31

Query Match      1.5%; Score 12.8; DB 1; Length 23;
Best Local Similarity 77.8%; Pred. No. 2e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      664 TGCAGCTGAAGCTCACAG 681
Db      5 TGCAGCTGAAGSAGTACAG 22

RESULT 173
US-10-205-309-30
; Sequence 30, Application US/10205309
; Publication No. US20030190635A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 900/033
; CURRENT APPLICATION NUMBER: US/10/205,309
; CURRENT FILING DATE: 2002-10-25

Query Match      1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 1.5e+02;
Matches 13; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY      413 GCAGGCTCTCCGGTGCCC 431
Db      1 GCACGGCAUCCGGCUGCCC 19

RESULT 174
US-10-205-309-355/c
; Sequence 355, Application US/10205309
; Publication No. US20030190635A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 900/033
; CURRENT APPLICATION NUMBER: US/10/205,309
; CURRENT FILING DATE: 2002-10-25

Query Match      1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      413 GCAGGCTCTCCGGTGCCC 431
Db      19 GCACGGCATCCGGTGCCC 1

RESULT 175
US-10-444-925-474
; Sequence 474, Application US/10444925
; Publication No. US20040009946A1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick

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; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; TITLE OF INVENTION: BY RNA INTERFERENCE
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925

Query Match      1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 1.5e+02;
Matches 13; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY      180 AGTCACAGTGGCCGGGTCA 198
Db      1 AGGCACAUUGGCCAAGUCA 19

RESULT 176
US-10-271-887-168
; Sequence 168, Application US/10271887
; Publication No. US20030087871A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: RTS-0183
; CURRENT APPLICATION NUMBER: US/10/271,887
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US/09/559,845A

Query Match      1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      405 CTGCTCCAGCAGGCTCTCC 423
Db      2 CTGCTCCAGATGCCATCC 20

RESULT 177
US-10-010-002-28
; Sequence 28, Application US/10010002
; Publication No. US20030125277A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
; FILE REFERENCE: RTS-0331
; CURRENT APPLICATION NUMBER: US/10/010,002
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91

Query Match      1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      409 TCCACAGGCTCTCCGGCT 427
Db      1 TTCTCAGGCACACTCCGTCT 19

RESULT 178
US-10-744-831-28
; Sequence 28, Application US/10744831
; Publication No. US20040121977A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
; FILE REFERENCE: RTS-0331
; CURRENT APPLICATION NUMBER: US/10/744,831
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US/10/010,002

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Query Match      1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 409 TCACAGCAGGCTCCCGCT 427
Db 1 TTCTGCAGGCATCCGCT 19

RESULT 179
US-09-733-294A-33/c
; Sequence 33, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wancewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A

Query Match      1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 626 CAGCGCTCAGTCCCGCTCC 644
Db 19 CAGCGCTCAGTCCCGCTGC 1

RESULT 180
US-10-032-585-4404/c
; Sequence 4404, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585

Query Match      1.5%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 398 ACACACCTGCTCCAGCAG 416
Db 20 ACATACACTGCCCGCG 2

RESULT 181
US-10-083-246A-108
; Sequence 108, Application US/10083246A
; Publication No. US20030152936A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE
; TITLE OF INVENTION: DISEASE
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168

Query Match      1.5%; Score 12.6; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 550 CTGTAGCCCAACAGCAGG 568
Db 1 CTGTGGGCCAGCAGCAGG 19
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RESULT 182
US-10-213-616-22/c
; Sequence 22, Application US/10219616
; Publication No. US2003009937A1
; GENERAL INFORMATION:
; APPLICANT: Law, Simon W.
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
; FILE REFERENCE: 12251-017001
; CURRENT APPLICATION NUMBER: US/10/219,616
; CURRENT FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/312,443
; PRIOR FILING DATE: 2001-08-15

Query Match      1.5%; Score 12.6; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 378 GCGGTCTCTGTCGGCGGCA 396
Db 19 GCGGTCTCTCTGGGTGGA 1

RESULT 183
US-10-098-263B-34624/c
; Sequence 34624, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16

Query Match      1.5%; Score 12.6; DB 1; Length 25;
Best Local Similarity 78.9%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 297 GTCGGGCGCTGCATGGGA 315
Db 25 GTCGTGCTCTGTATGGGA 7

RESULT 184
US-10-156-306-4967
; Sequence 4967, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGC 418
Db 3 CAGUCCAGCAGGC 16

RESULT 185
US-10-156-306-4968
; Sequence 4968, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
```

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 1.3e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGC 418  
DB 2 CAGCUCCAGCAGGC 15

RESULT 186  
US-10-156-306-5898  
; Sequence 5898, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 1.3e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGC 418  
DB 1 CAGCUCCAGCAGGC 14

RESULT 187  
US-10-712-672-2575  
; Sequence 2575, Application US/10712672  
; Publication No. US20040102413A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Chowrira, Bharat  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme  
; FILE REFERENCE: MBH00-882-C (400/019)  
; CURRENT APPLICATION NUMBER: US/10/712,672

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 1.3e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 382 TCCTGCTGGGGG 395  
DB 2 UCCUGUGGAGGC 15

RESULT 188  
US-10-163-552-423/c  
; Sequence 423, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level  
; TITLE OF INVENTION: HER2  
; FILE REFERENCE: MBH01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 1.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 476 ACTTGGGATTCTTC 489  
DB 17 ACTCGGATTCTTC 4

RESULT 189  
US-09-866-108-8385/c  
; Sequence 8385, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 1.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 401 CACCCTGCTCCAGC 414  
DB 15 CACTCTGCTCCAGC 2

RESULT 190  
US-09-866-108-8386/c  
; Sequence 8386, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 1.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 401 CACCCTGCTCCAGC 414  
DB 14 CACTCTGCTCCAGC 1

RESULT 191  
US-10-156-306-4432  
; Sequence 4432, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 1.3e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGC 418  
DB 1 CAGCUCCAGCAGGC 15

```
Db      4 CAGCUCCAGCAGGC 17

RESULT 192
US-10-339-782-248
; Sequence 248, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Goodman, Laurie J
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-00011005
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      726 GAGCTGCGGTACAG 739
Db      1 GATCTGCGGTACAG 14

RESULT 193
US-09-880-313A-259/c
; Sequence 259, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn Ver. 2.1

Query Match      1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      640 GCTCCCTGCAACCG 653
Db      18 GCTCCCTGCAACCG 5

RESULT 194
US-10-210-589-50
; Sequence 50, Application US/10210589
; Publication No. US20040023381A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP2R1A EXPRESSION
; FILE REFERENCE: PTS-0041
; CURRENT APPLICATION NUMBER: US/10/210,589
; CURRENT FILING DATE: 2002-07-30

Query Match      1.5%; Score 12.4; DB 1; Length 20;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      825 GGTGCTGAAGCTGG 838
Db      7 GGTGCTGAAGCTGG 20

RESULT 195
US-10-016-149-58
; Sequence 58, Application US/10016149
; Publication No. US20030100524A1

GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01

Query Match      1.5%; Score 12.4; DB 1; Length 20;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      733 GGTACAGTGTAGCC 746
Db      6 GGTACAGTGTAGCC 19

RESULT 196
US-10-211-908-36/c
; Sequence 36, Application US/10211908
; Publication No. US20040023384A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 12 EXPRESSION
; FILE REFERENCE: RTS-0420
; CURRENT APPLICATION NUMBER: US/10/211,908
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 121

Query Match      1.5%; Score 12.4; DB 1; Length 20;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      383 CCTGCTGGCGGCA 396
Db      19 CCTGCTGGCGGCA 6

RESULT 197
US-10-211-908-104
; Sequence 104, Application US/10211908
; Publication No. US20040023384A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 12 EXPRESSION
; FILE REFERENCE: RTS-0420
; CURRENT APPLICATION NUMBER: US/10/211,908
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 121

Query Match      1.5%; Score 12.4; DB 1; Length 20;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      383 CCTGCTGGCGGCA 396
Db      2 CCTGCTGGCGGCA 15

RESULT 198
US-09-884-001-17/c
; Sequence 17, Application US/09884001
; Publication No. US20020182656A1
; GENERAL INFORMATION:
; APPLICANT: Bird, Timothy A.
; APPLICANT: Peschon, Jacques J.
; APPLICANT: Sims, John E.
; APPLICANT: Virca, G. Duke
; APPLICANT: Willis, Cynthia R.
; TITLE OF INVENTION: Methods for Regulating Vascularization Using GEF
```

; TITLE OF INVENTION: Containing NEK-Like Kinase (GNK)

Query Match 1.5%; Score 12.4; DB 1; Length 22;  
Best Local Similarity 72.7%; Pred. No. 2.5e+02;  
Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 740 TGTAGCCTTGGTCTTAAGGAG 761

Db 22 TGTGCCCCAGAGCTGAAGAG 1

RESULT 199

US-10-284-569-11/c

; Sequence 11, Application US/10284569

; Publication No. US20030220266A1

; GENERAL INFORMATION:

; APPLICANT: Jabbour, Henry Nicolas

; APPLICANT: Sales, Kurt Jason

; APPLICANT: Katz, Arieh

; TITLE OF INVENTION: Method of treating a disease

; FILE REFERENCE: ARDW/P27354US

; CURRENT APPLICATION NUMBER: US/10/284,569

; CURRENT FILING DATE: 2002-10-30

Query Match 1.5%; Score 12.4; DB 1; Length 23;

Best Local Similarity 72.7%; Pred. No. 2.7e+02;

Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 441 CTAAGCCAGATGCTTCAGG 462

Db 23 CTCATGCTGACTCTTCAAGG 2

RESULT 200

US-09-825-805-683

; Sequence 683, Application US/09825805

; Publication No. US20030004122A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adamic, Jasenka Matulic

; APPLICANT: Sweedler, Dave

; APPLICANT: Zinnen, Shawn

Query Match 1.5%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 354 GCCAACCTGTGACAGGA 370

Db 1 GCCAACCGCCAGAGGA 17

RESULT 201

US-09-848-754A-645/c

; Sequence 645, Application US/09848754A

; Publication No. US20030073207A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; FILE REFERENCE: MHB00-958-1 (400/018)

; CURRENT APPLICATION NUMBER: US/09/848,754A

; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645

Query Match 1.5%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 CTTAAGGAGATGCGAGA 769

Db 17 CTAAGGAGATTTCAGA 1

RESULT 202

US-09-792-818-391/c

; Sequence 391, Application US/09792818

; Publication No. US20030134806A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Jarvis, Thale

; APPLICANT: Von Carlowitz, Ira

; APPLICANT: McSwiggen, Jim

; APPLICANT: Hamblin, Paul

; APPLICANT: Ellis, Jonathan

; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inset

Query Match 1.5%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 132 ATGCTGCTTGGGGC 148

Db 17 ATCGCTGCTGTTGGGGC 1

RESULT 203

US-10-163-552-392

; Sequence 392, Application US/10163552

; Publication No. US20030105051A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; FILE REFERENCE: MHB01-1653-A (400/014)

; CURRENT APPLICATION NUMBER: US/10/163,552

; CURRENT FILING DATE: 2002-06-06

Query Match 1.5%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 354 GCCAACCTGTGACAGGA 370

Db 1 GCCAACCGCCAGAGGA 17

RESULT 204

US-09-864-785-145

; Sequence 145, Application US/09864785

; Patent No. US20020177568A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Draper, Ken

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; FILE REFERENCE: 400/022 (MHB00-812-D)

Query Match 1.5%; Score 12.2; DB 1; Length 17;

Best Local Similarity 64.7%; Pred. No. 1.5e+02;

Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 418 CTCCTCCGGCTGCCCT 434

Db 1 CCCUCCGCCGCGCCU 17

RESULT 205

US-09-780-164-926/c

; Sequence 926, Application US/09780164

```

; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 TCAGAAAGTTGCTCAAA 290
DB 17 TAAGAAAGTTGCTCAAA 1

RESULT 206
US-10-297-068-562
; Sequence 562, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MOKIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 640 GCTCCCTGCAACCGAGT 656
DB 1 GCTGCTGCCCGCGAGT 17

RESULT 207
US-09-866-108-559
; Sequence 559, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 CAGGAGCTGGGTACAG 739
DB 1 CAGGAGCTGGGCTCCAG 17

RESULT 208
US-09-866-108-6619
; Sequence 6619, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCGGCTGC 429
DB 1 GGAGGCTCTCGGCTGC 17

RESULT 209
US-09-864-785-431
; Sequence 431, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH800-812-D)

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.5e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 716 CAATTCAGGAGCTGC 732
DB 1 CGAGUUCAGCAGCUGC 17

RESULT 210
US-09-825-805-604
; Sequence 604, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Swesler, Dave
; APPLICANT: Zinnen, Shawn

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.5e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTTGGGGCTGCAGCT 155
DB 1 CUGCGGAGCUGCAGCU 17

RESULT 211
US-09-848-754A-293
; Sequence 293, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH800-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9545

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.5e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

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Qy 414 CAGGCTCTCCGGTGCC 430  
|||:|||||  
Db 1 CAUGCCCUUGCGTGCC 17

## RESULT 212

US-09-848-754A-2447  
; Sequence 2447, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors  
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 1.5e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 417 GCTCTCCGGTGCCGCC 433  
|||:|||||  
Db 1 GCCCUUGCGUGCGUCC 17

## RESULT 213

US-10-060-756A-696  
; Sequence 696, Application US/10060756A  
; Publication No. US20030046717A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhang, Jian  
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
; FILE REFERENCE: PB0177  
; CURRENT APPLICATION NUMBER: US/10/060,756A  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 455 CTTCCAGGAGAGCTCC 471  
|||:|||||  
Db 1 CCTCCAGGAGGAGCACC 17

## RESULT 214

US-10-163-552-135  
; Sequence 135, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level of HER2  
; TITLE OF INVENTION: HER2  
; FILE REFERENCE: MBH01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 1.5e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 139 CTTTGGGGGTCGAGCT 155  
|||:|||||  
Db 1 CUGCGGGAGGUGGAGCU 17

## RESULT 215

US-10-156-306-5001/c

; Sequence 5001, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 407 GCTCCAGCAGGCTCTCC 423  
|||:|||||  
Db 17 GCTCCTGCAGGAGCTCC 1

## RESULT 216

US-10-156-306-5921/c  
; Sequence 5921, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 406 TGCTCCAGCAGGCTCTC 422  
|||:|||||  
Db 17 TGCTCCTGCAGGAGCTC 1

## RESULT 217

US-10-138-674-6439/c  
; Sequence 6439, Application US/10138674  
; Publication No. US20040077565A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Favco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 1.5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 136 CTGCTTTGGGGCTGCA 152  
|||:|||||  
Db 17 CTGCTCAGTGGGCTGCA 1

## RESULT 218

US-10-138-674-7199/c  
; Sequence 7199, Application US/10138674  
; Publication No. US20040077565A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Favco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 787 AGCGCAACTGCGGAC 803  
 DB 17 AGCGGCACACGAGGAC 1

## RESULT 219

US-10-287-949A-6439/c

; Sequence 6439, Application US/10287949A

; Publication No. US20040102389A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGCA 152  
 DB 17 CTGCTCAGTGGGCTGCA 1

## RESULT 220

US-10-287-949A-7199/c

; Sequence 7199, Application US/10287949A

; Publication No. US20040102389A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 787 AGCGCAACTGCGGAC 803  
 DB 17 AGCGGCACACGAGGAC 1

## RESULT 221

US-09-813-289-4/c

; Sequence 4, Application US/09813289

; Patent No. US20020061571A1

; GENERAL INFORMATION:

; APPLICANT: Mahadevan, M.S.

; APPLICANT: Tiscornia, G

TITLE OF INVENTION: No. US20020061571A1 isoform of myotonic dystrophy associated protein  
 TITLE OF INVENTION: thereof

TITLE OF INVENTION: thereof

FILE REFERENCE: 800.027US1

CURRENT APPLICATION NUMBER: US/09/813,289

CURRENT FILING DATE: 2001-03-20

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 1.7e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 415 AGGCTCTCGGCTGCC 431  
 DB 17 AGGCTCTCATCTGCC 1

## RESULT 222

US-10-349-143-4727

; Sequence 4727, Application US/10349143

; Publication No. US20040005584A1

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 1.7e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 TCGAGAAGAGGTGAG 788  
 DB 2 TCGAGAAGAGGTGAG 18

## RESULT 223

US-10-297-068-108

; Sequence 108, Application US/10297068

; Publication No. US20030228585A1

; GENERAL INFORMATION:

; APPLICANT: INOKO, Hidetoshi

; APPLICANT: KAGIYA, Taeko

; APPLICANT: ICHIHARA, Tatsuo

; APPLICANT: Matsumura, Yoshiyuki

; APPLICANT: MORIYA, Shogo

; APPLICANT: NISHIDA, Michio

TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 1.7e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 640 GCTCCTCGAACCGAGT 656  
 DB 1 GCTCCTCGCGCGAGT 17

## RESULT 224

US-10-297-068-132/c

; Sequence 132, Application US/10297068

; Publication No. US20030228585A1

; GENERAL INFORMATION:

; APPLICANT: INOKO, Hidetoshi

; APPLICANT: KAGIYA, Taeko

; APPLICANT: ICHIHARA, Tatsuo

; APPLICANT: Matsumura, Yoshiyuki

; APPLICANT: MORIYA, Shogo

; APPLICANT: NISHIDA, Michio

TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 1.7e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 687 TCTGCACACCGTTCGA 703  
 DB 17 TCTGCACACCGTTCGA 1

## RESULT 225

```

US-09-774-381-11/c
; Sequence 11, Application US/09774381
; Publication No. US20030082677A1
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: McCarthy, Sean A.
; APPLICANT: Pan, Yang
; APPLICANT: Gearing, David P.
; TITLE OF INVENTION: NOVEL EDITF, MTR-1, LSP-1, TAP-1, AND PA-I MOLECULES
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: MNI-107CP2

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred.No.1.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      142 TGGGGGCTGCAGCTCCA 158
Db      17 TGTGGGCTGCACCTGCA 1

RESULT 226
US-09-823-699-14/c
; Sequence 14, Application US/09823699
; Patent No. US2002002143A1
; GENERAL INFORMATION:
; APPLICANT: Kano, Munehide
; APPLICANT: Matano, Ietsuro
; APPLICANT: Katano, Atsushi
; APPLICANT: Nagai, Yoshiyuki
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: AIDS Virus Vaccines Using Sendai Virus
; TITLE OF INVENTION: Vector

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred.No.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      268 GCACCTTCAGAAAGTTG 284
Db      19 GCACCTTCAGAAAGTTG 3

RESULT 227
US-10-349-143-9339/c
; Sequence 9339, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENST.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21

Query Match      1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred.No.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      758 GGAGATGGCAGAACTGG 774
Db      19 GGAGATGGCAGAACTGG 3

RESULT 228
US-10-319-908-62
; Sequence 62, Application US/10319908
; Publication No. US20040115650A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Ravi Jain
; TITLE OF INVENTION: MODULATION OF MADI-LIKE 1 EXPRESSION

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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 750 GTCCTTAAGGAGGCGC 766

Db 3 GTGCTAAGGAGGCGC 19

# RESULT 232

US-10-380-125-35

; Sequence 35, Application US/10380125

; Publication No. US20040048818A1

; GENERAL INFORMATION:

; APPLICANT: Isis Pharmaceuticals, Inc.

; APPLICANT: Ian Popoff

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION

; FILE REFERENCE: RTS-0176

; CURRENT APPLICATION NUMBER: US/10/380,125

; CURRENT FILING DATE: 2003-03-10

Query Match 1.5%; Score 12.2; DB 1; Length 20;

Best Local Similarity 82.4%; Pred. No. 2.3e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CGTCCTGCTGGCGGCA 396

Db 1 CGGCTGCCGCGGCA 17

# RESULT 233

US-10-173-240-37/c

; Sequence 37, Application US/10173240

; Publication No. US2003023436A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-BPF EXPRESSION

; FILE REFERENCE: HTS-0021

; CURRENT APPLICATION NUMBER: US/10/173,240

; CURRENT FILING DATE: 2002-06-14

; NUMBER OF SEQ ID NOS: 80

Query Match

Best Local Similarity 1.5%; Score 12.2; DB 1; Length 20;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 305 CCGTCATGGGAAGACT 321

Db 18 CCGTCATGGGAAGACT 2

# RESULT 234

US-10-178-258-32/c

; Sequence 32, Application US/10178258

; Publication No. US20030235913A1

; GENERAL INFORMATION:

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION

; FILE REFERENCE: HTS-0010

; CURRENT APPLICATION NUMBER: US/10/178,258

; CURRENT FILING DATE: 2002-06-20

; NUMBER OF SEQ ID NOS: 66

; SEQ ID NO 32

Query Match

Best Local Similarity 1.5%; Score 12.2; DB 1; Length 20;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 718 AATTTCAGGAGCTGGG 734

Db 17 AGTTCAGGAGCTGGT 1

# RESULT 235

US-10-178-258-58

; Sequence 58, Application US/10178258

; Publication No. US20030235913A1

; GENERAL INFORMATION:

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION

; FILE REFERENCE: HTS-0010

; CURRENT APPLICATION NUMBER: US/10/178,258

; CURRENT FILING DATE: 2002-06-20

; NUMBER OF SEQ ID NOS: 66

; SEQ ID NO 58

Query Match

Best Local Similarity 1.5%; Score 12.2; DB 1; Length 20;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 718 AATTTCAGGAGCTGGG 734

Db 4 AGTTCAGGAGCTGCTG 20

# RESULT 236

US-09-954-556-46/c

; Sequence 46, Application US/09954556

; Publication No. US20030078219A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; APPLICANT: Scott Cooper

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 2 EXPRESSION

; FILE REFERENCE: RTS-0250

; CURRENT APPLICATION NUMBER: US/09/954,556

; CURRENT FILING DATE: 2001-09-14

Query Match

Best Local Similarity 1.5%; Score 12.2; DB 1; Length 20;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 668 GCTGAGCTCACAGATG 684

Db 19 GGTGAATGTCACAGATG 3

# RESULT 237

US-09-791-942-51

; Sequence 51, Application US/09791942

; Patent No. US20020147166A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Robert Rothlein

; APPLICANT: Takashi Kei Kishimoto

; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION

; FILE REFERENCE: RTS-0099

; CURRENT APPLICATION NUMBER: US/09/791,942

Query Match

Best Local Similarity 1.5%; Score 12.2; DB 1; Length 20;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 387 CTGGGGGCGCACACAC 403

Db 2 CTGGGGGCGCACACAC 18

# RESULT 238

US-10-415-463-51

; Sequence 51, Application US/10415463

; Publication No. US20040110705A1

; GENERAL INFORMATION:

; APPLICANT: Isis Pharmaceuticals, Inc.

; APPLICANT: C. Frank Bennett

; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION  
; FILE REFERENCE: RTSP-0198  
; CURRENT APPLICATION NUMBER: US/10/415,463  
; CURRENT FILING DATE: 2003-11-13

Query Match 1.5%; Score 12.2; DB 1; Length 20;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 387 CTGGCGGGCACACAC 403  
DB 2 CTGGAGGACACAC 18  
|||||

RESULT 239

US-09-805-761-4/c  
; Sequence 4, Application US/09805761  
; Patent No. US20020165174A1  
; GENERAL INFORMATION:  
; APPLICANT: Gill, Parkesh  
; APPLICANT: Masood, Rizwan  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANTISENSE  
; TITLE OF INVENTION: VEGF OLIGONUCLEOTIDES  
; FILE REFERENCE: 21327-701CON2  
; CURRENT APPLICATION NUMBER: US/09/805,761  
; CURRENT FILING DATE: 2001-03-13

Query Match 1.5%; Score 12.2; DB 1; Length 21;  
Best Local Similarity 82.4%; Pred. No. 2.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 135 TCTGCTTGGGGCTGC 151  
DB 17 TCCGATGTGGGGCTGC 1  
|||||

RESULT 240

US-10-617-217A-190/c  
; Sequence 190, Application US/10617217A  
; Publication No. US20040081986A1  
; GENERAL INFORMATION:  
; APPLICANT: MATSUDA, Akio et al.  
; TITLE OF INVENTION: NF-KB ACTIVATING GENE  
; FILE REFERENCE: 1254-0229P  
; CURRENT APPLICATION NUMBER: US/10/617,217A  
; CURRENT FILING DATE: 2003-07-11  
; PRIOR APPLICATION NUMBER: JP 2000-402288  
; PRIOR FILING DATE: 2000-12-28

Query Match 1.5%; Score 12.2; DB 1; Length 21;  
Best Local Similarity 82.4%; Pred. No. 2.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 769 AACTGAGAGAGGTGT 785  
DB 20 AGCTGAAGAGAGGTGT 4  
|||||

RESULT 241

US-10-060-998-593/c  
; Sequence 593, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30

Query Match 1.4%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 757 AGGAGATGGCAG 768  
DB 17 AGGAGATGGCAG 6  
|||||

RESULT 242

US-10-060-998-594/c  
; Sequence 594, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
DB 16 AGGAGATGGCAG 5  
|||||

RESULT 243

US-10-060-998-595/c  
; Sequence 595, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
DB 15 AGGAGATGGCAG 4  
|||||

RESULT 244

US-10-156-306-4969  
; Sequence 4969, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 91.7%; Pred. No. 1.8e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 407 GCTCCAGCAGGC 418  
DB 1 GCUCACGACGC 12  
|||||

RESULT 245  
US-10-060-998-596/c  
; Sequence 596, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: P01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 757 AGGAGATGGCAG 768  
Db 14 AGGAGATGGCAG 3  
|||||

RESULT 246  
US-09-930-423-1195  
; Sequence 1195, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: MBH00,918-A 400/027  
; CURRENT APPLICATION NUMBER: US/09/930,423  
; CURRENT FILING DATE: 2001-08-15

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 1.8e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 421 TCCGGCTGCCCC 432  
Db 5 UCCGGCTGCCCC 16  
:|||||

RESULT 247  
US-09-745-237A-1195  
; Sequence 1195, Application US/09745237A  
; Publication No. US20030143708A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: 400/007 (MBH00-918-A)  
; CURRENT APPLICATION NUMBER: US/09/745,237A  
; CURRENT FILING DATE: 2002-04-15

Query Match 1.4%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 1.8e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 421 TCCGGCTGCCCC 432  
Db 5 UCCGGCTGCCCC 16  
:|||||

RESULT 248  
US-10-649-273-16  
; Sequence 16, Application US/10649273  
; Publication No. US20040043407A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company

; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE, MP-1  
; FILE REFERENCE: D0073 CNT  
; CURRENT APPLICATION NUMBER: US/10/649,273  
; CURRENT FILING DATE: 2003-08-27  
; PRIOR APPLICATION NUMBER: US 60/266,518  
; PRIOR FILING DATE: 2001-02-05

Query Match 1.4%; Score 12; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 136 CTGCTTTGGGGCTGCAGCT 155  
Db 1 CTGCTGTGTGTGATGAACT 20  
|||||

RESULT 249  
US-10-651-722-16  
; Sequence 16, Application US/10651722  
; Publication No. US20040048302A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE, MP-1  
; FILE REFERENCE: D0073 DIV  
; CURRENT APPLICATION NUMBER: US/10/651,722  
; CURRENT FILING DATE: 2003-08-29  
; PRIOR APPLICATION NUMBER: US 60/266,518  
; PRIOR FILING DATE: 2001-02-05

Query Match 1.4%; Score 12; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 136 CTGCTTTGGGGCTGCAGCT 155  
Db 1 CTGCTGTGTGTGATGAACT 20  
|||||

RESULT 250  
US-10-067-443-16  
; Sequence 16, Application US/10067443  
; Publication No. US20030082782A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED IN  
; FILE REFERENCE: D0073 NP  
; CURRENT APPLICATION NUMBER: US/10/067,443  
; CURRENT FILING DATE: 2002-02-05  
; PRIOR APPLICATION NUMBER: US 60/266,518

Query Match 1.4%; Score 12; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 136 CTGCTTTGGGGCTGCAGCT 155  
Db 1 CTGCTGTGTGTGATGAACT 20  
|||||

RESULT 251  
US-09-975-123-16/c  
; Sequence 16, Application US/09975123  
; Publication No. US20030087857A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN  
; FILE REFERENCE: RTS-0253  
; CURRENT APPLICATION NUMBER: US/09/975,123  
; CURRENT FILING DATE: 2001-10-09  
; NUMBER OF SEQ ID NOS: 43

```

DESC LOCAT SIMILARITY 75.0%, FREQ: NO: 2.0E+02;
Matches 15: Conservative 0: Mismatches 5: Indels 0: Gaps 0:

```

20 AGCCGCTGCACGCCCTGCTG

```

US-10-181-846-137/c
; Sequence 137, Application US/10181846
; Publication No. US20030083297A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RISP-0363
; CURRENT APPLICATION NUMBER: US/10/181,846
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01416

```

```

DESC LOCAL SIMILARITY 75.0%, FREQ: NO; 2.0E+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

```

20 GTCAGGTTACAGGAGCGCG 1

```

US-10-349-143-10283/C
; Sequence 10283, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Grumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CF1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21

```

Sequence	Length	Matches	Mismatches	Indels	Gaps
Sequence 1	100	95	5	0	0
Sequence 2	100	90	10	0	0
Sequence 3	100	85	15	0	0
Sequence 4	100	80	20	0	0
Sequence 5	100	75	25	0	0
Sequence 6	100	70	30	0	0
Sequence 7	100	65	35	0	0
Sequence 8	100	60	40	0	0
Sequence 9	100	55	45	0	0
Sequence 10	100	50	50	0	0

db 20 CACATCCAAGTTGAGGGC 1

US-10-289-762-1961  
; Sequence 1961, Application US/10289762  
; Publication No. US20040006218A1  
; GENERAL INFORMATION:  
; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/10/289,762  
; CURRENT FILING DATE: 2003-03-27

Best Local Similarity: 95.0%, Rec: NO: 2.0e+02,  
Matches: 15: Conservative 0: Mismatches 5: Indels 0: Gaps 0:

1 GGATAAGGCTTATCTGGAGA 20

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MEHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 787 AGCGCAACTGCAGG 801  
| | | | | | | | | | | | | | | | | | |  
DB 17 AGCGCAACTGCACG 3

## RESULT 259

US-10-061-201-494  
; Sequence 494, Application US/10061201  
; Publication No. US20030166229A1  
; GENERAL INFORMATION:

; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
; FILE REFERENCE: PB0178  
; CURRENT APPLICATION NUMBER: US/10/061,201  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAAGAGCTCCAGGA 475  
| | | | | | | | | | | | | | | | | | |  
DB 2 GGCAGAGCTCCGGGA 16

## RESULT 260

US-10-061-201-495  
; Sequence 495, Application US/10061201  
; Publication No. US20030166229A1  
; GENERAL INFORMATION:

; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
; FILE REFERENCE: PB0178  
; CURRENT APPLICATION NUMBER: US/10/061,201  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAAGAGCTCCAGGA 475  
| | | | | | | | | | | | | | | | | | |  
DB 1 GGCAGAGCTCCGGGA 15

## RESULT 261

US-09-792-818-617  
; Sequence 617, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse-

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 2.1e+02;  
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 556 CCCAACACGACGGGAT 570  
| | | | | | | | | | | | | | | | | | |  
DB 2 CCCACACGACGCGAU 16

## RESULT 262

US-09-780-164-606/c  
; Sequence 606, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 276 AGAAAGTGTGAA 290  
| | | | | | | | | | | | | | | | | | |  
DB 16 AGAAAGTGTCTCAA 2

## RESULT 263

US-10-061-201-493  
; Sequence 493, Application US/10061201  
; Publication No. US20030166229A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
; FILE REFERENCE: PB0178  
; CURRENT APPLICATION NUMBER: US/10/061,201  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAAGAGCTCCAGGA 475  
| | | | | | | | | | | | | | | | | | |  
DB 3 GGCAGAGCTCCGGGA 17

## RESULT 264

US-09-726-774-137/c  
; Sequence 137, Application US/09726774  
; Patent No. US20020082226A1  
; GENERAL INFORMATION:  
; APPLICANT: Iversen, Patrick L.  
; TITLE OF INVENTION: Antisense Antibacterial Method and  
; FILE REFERENCE: 0450-0032.30  
; CURRENT APPLICATION NUMBER: US/09/726,774  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 60/168,150

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 GGATCTGCACCGC 698  
| | | | | | | | | | | | | | | | | | |



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Db      17 GGATCAGCAGCGCGC 3

RESULT 265
US-09-880-732-51/c
; Sequence 51, Application US/09880732
; Patent No. US20020127561A1
; GENERAL INFORMATION:
; APPLICANT: GENICON SCIENCES CORPORATION
; APPLICANT: BEE, Gary
; APPLICANT: KOHNE, David E.
; APPLICANT: KORB, Linda
; APPLICANT: PETERSON, Todd
; APPLICANT: YGUERABIDE, Juan
; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE

Query Match      1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      399 CACACCCTGCTCCAG 413
Db      15 CACCACCTGCTCCAG 1

RESULT 266
US-09-726-774-136/c
; Sequence 136, Application US/09726774
; Patent No. US2002008226A1
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; TITLE OF INVENTION: Composition
; FILE REFERENCE: 0450-0032.30
; CURRENT APPLICATION NUMBER: US/09/726,774
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/168,150

Query Match      1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      684 GGATCTGCACACCGC 698
Db      18 GGATCAGCAGCGCGC 4

RESULT 267
US-10-617-217A-217
; Sequence 217, Application US/10617217A
; Publication No. US20040081986A1
; GENERAL INFORMATION:
; APPLICANT: MATSUDA, Akio et al.
; TITLE OF INVENTION: NF-KB ACTIVATING GENE
; FILE REFERENCE: 1254-0229P
; CURRENT APPLICATION NUMBER: US/10/617,217A
; CURRENT FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: JP 2000-402288
; PRIOR FILING DATE: 2000-12-28

Query Match      1.4%; Score 11.8; DB 1; Length 19;
Best Local Similarity 66.7%; Pred. No. 2.7e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      771 CTGGAGAAGAGTGT 785
Db      2 CUGAAGAAGAGGUGU 16

RESULT 268
US-10-617-217A-218/c
; Sequence 218, Application US/10617217A
; Publication No. US20040081986A1
; GENERAL INFORMATION:
; APPLICANT: MATSUDA, Akio et al.
; TITLE OF INVENTION: NF-KB ACTIVATING GENE
; FILE REFERENCE: 1254-0229P
; CURRENT APPLICATION NUMBER: US/10/617,217A
; CURRENT FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: JP 2000-402288
; PRIOR FILING DATE: 2000-12-28

Query Match      1.4%; Score 11.8; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      771 CTGGAGAAGAGTGT 785
Db      18 CTGAAGAAGAGTGT 4

RESULT 269
US-09-726-774-131/c
; Sequence 131, Application US/09726774
; Patent No. US2002008226A1
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; TITLE OF INVENTION: Composition
; FILE REFERENCE: 0450-0032.30
; CURRENT APPLICATION NUMBER: US/09/726,774
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/168,150

Query Match      1.4%; Score 11.8; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      684 GGATCTGCACACCGC 698
Db      19 GGATCAGCAGCGCGC 5

RESULT 270
US-09-919-197-42/c
; Sequence 42, Application US/09919197
; Publication No. US20030083484A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/09/919,197
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89

Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      400 ACACCCCTGCTCCAGC 414
Db      16 ACACAGTGTCTCCAGC 2

RESULT 271
US-10-280-183A-538/c
; Sequence 538, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru

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; APPLICANT: Li, Xia
Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 466 AGCTCCAGGACTTG 480
DB 16 AGCTCTGAACACTG 2

RESULT 272
US-09-972-607-68
; Sequence 68, Application US/09972607
; Publication No. US20030105037A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/09/972,607
; CURRENT FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88

Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 787 AGCGCAAACTGCAGG 801
DB 6 AGCGCAGACTGCACG 20

RESULT 273
US-10-380-127A-84
; Sequence 84, Application US/10380127A
; Publication No. US20040033976A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Donna T. Ward
; APPLICANT: William A. Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline R. Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
; FILE REFERENCE: RTP-0174

Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 145 GGGCTGCAGTCCAT 159
DB 4 GGGCTGCCACTCCAT 18

RESULT 274
US-10-628-841-68
; Sequence 68, Application US/10628841
; Publication No. US20040023918A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/10/628,841
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/972,607

Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 787 AGCGCAAACTGCAGG 801

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DB 6 AGCGCAGACTGCACG 20

RESULT 275
US-10-131-544-52/c
; Sequence 52, Application US/10131544
; Publication No. US20030190629A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTTG1 EXPRESSION
; FILE REFERENCE: RTS-0180
; CURRENT APPLICATION NUMBER: US/10/131,544
; CURRENT FILING DATE: 2002-04-23
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 52

Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 358 ACCTGTCAGAGAGC 372
DB 18 ACCTGCCTGAAGAGC 4

RESULT 276
US-10-114-683A-52/c
; Sequence 52, Application US/10114683A
; Publication No. US20030194396A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTTG1 EXPRESSION
; FILE REFERENCE: RTS-0265
; CURRENT APPLICATION NUMBER: US/10/114,683A
; CURRENT FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 93

Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 358 ACCTGTCAGAGAGC 372
DB 18 ACCTGCCTGAAGAGC 4

RESULT 277
US-10-289-762-4787/c
; Sequence 4787, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27

Query Match      1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 747 TTGGTCCTTAAGGAG 761
DB 18 TCGGTCTCTAAAGGAG 4

RESULT 278
US-09-829-936A-17
; Sequence 17, Application US/09829936A

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; Publication No. US20030049699A1
; GENERAL INFORMATION:
; APPLICANT: Aventis Pharma, S.A.
; TITLE OF INVENTION: Polypeptide (MBP1) Capable of Interacting With Oncogenic Mutants
; FILE REFERENCE: P53 Protein
; CURRENT APPLICATION NUMBER: ST98033
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: FR9812754

Query Match      1.4%; Score 11.8; DB 1; Length 21;
Best Local Similarity 86.7%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      693 CACCGCTTCGAGGTG 707
DB      1 CTCGCTCCGAGGTG 15

RESULT 279
US-09-920-19
; Sequence 19, Application US/09809920
; Publication No. US20030139584A1
; GENERAL INFORMATION:
; APPLICANT: Sato, Takaaki
; TITLE OF INVENTION: TREX, A NOVEL GENE OF TRAF-INTERACTING
; EXT GENE FAMILY AND DIAGNOSTIC AND THERAPEUTIC USES
; THEREOF
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP

Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      463 AAGAGTCCAGGAACCTTG 480
DB      1 AAGAGTCTCTGCAGCTGG 18

RESULT 280
US-09-771-730-129
; Sequence 129, Application US/09771730
; Patent No. US20020146807A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Li, Li
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: MacDougall, John R.
; APPLICANT: Spytek, Kimberly Ann
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Vernet, Corine A. M.

Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      239 GGCTCAGCTCTTGAAGGA 256
DB      1 GGCCAGGACCTGAAGGA 18

RESULT 281
US-10-198-235-27/c
; Sequence 27, Application US/10198235
; Publication No. US20030190634A1
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Liu, Jianzhao
; APPLICANT: Kirk, Brian W.
; APPLICANT: Zirvi, Monib
; APPLICANT: Gerry, No. US20030190634A1man P.

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; APPLICANT: Paty, Philip B.
; TITLE OF INVENTION: ACCELERATING IDENTIFICATION OF SINGLE NUCLEOTIDE

Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      639 CGCTCCCTGCAACCGAGT 656
DB      18 CGCTCGCCGAGCCCTGT 1

RESULT 282
US-10-440-850-1128/c
; Sequence 1128, Application US/10440850
; Publication No. US2003020737A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Rever
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (WBH500-900-A)

Query Match      1.4%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      770 ACTGGAGAGAGACTGTGA 787
DB      18 ACTGGAGCAGCGGTGTTA 1

Search completed: July 29, 2004, 16:33:26
Job time : 17 secs

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